

Datasheet for ABIN324431  
**anti-TGFB1 antibody (AA 151-200)**



[Go to Product page](#)

1 Image

## Overview

|                      |                                                                       |
|----------------------|-----------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                |
| Target:              | TGFB1                                                                 |
| Binding Specificity: | AA 151-200                                                            |
| Reactivity:          | Human, Mouse, Cow, Pig, Sheep, Guinea Pig, Rabbit, Dog, Horse, Monkey |
| Host:                | Rabbit                                                                |
| Clonality:           | Polyclonal                                                            |
| Conjugate:           | This TGFB1 antibody is un-conjugated                                  |
| Application:         | Western Blotting (WB)                                                 |

## Product Details

|                       |                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | Synthetic peptide located between aa151-200 of mouse Tgfb1 (P01137, NP_035707). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Ferret, Sheep, Elephant, Panda, Dog, Bovine, Rabbit, Horse, Pig, Opossum, Guinea pig (100%), Rat (92%), Bat (91%).<br><br>Type of Immunogen: Synthetic peptide |
| Isotype:              | IgG                                                                                                                                                                                                                                                                                                                                 |
| Specificity:          | Mouse TGFB1 / TGF Beta                                                                                                                                                                                                                                                                                                              |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Mouse, Sheep, Dog, Bovine, Rabbit, Horse, Pig, Guinea pig (100%) Rat (92%).                                                                                                                                                                                                              |
| Purification:         | Protein A purified                                                                                                                                                                                                                                                                                                                  |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TGFB1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Alternative Name: | TGFB1 / TGF Beta 1 ( <a href="#">TGFB1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | Name/Gene ID: TGFB1<br>Family: TGF beta<br><br>Synonyms: TGFB1, CED, DPD1, Diaphyseal dysplasia 1, LAP, Latency-associated peptide, TGF Beta, TGFbeta, TGF-beta 1 protein, TGF-beta-1, TGFB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID:          | 7040                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Accession:   | <a href="#">NP_035707</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt:          | <a href="#">P01137</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Pathways:         | <a href="#">EGFR Signaling Pathway</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Glycosaminoglycan Metabolic Process</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Ribonucleoside Biosynthetic Process</a> , <a href="#">Skeletal Muscle Fiber Development</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Autophagy</a> , <a href="#">Cancer Immune Checkpoints</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Approved: WB<br><br>Usage: ELISA titer using peptide based assay: 1:62500. Western Blot: Suggested dilution at 1.25 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody. |
| Comment:           | Target Species of Antibody: Mouse                                                                                                                                                                                                                     |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                 |

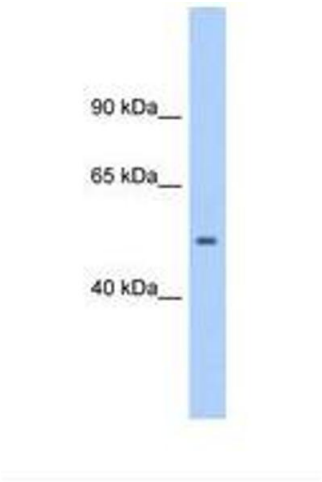
## Handling

|                 |                  |
|-----------------|------------------|
| Format:         | Lyophilized      |
| Reconstitution: | Distilled Water. |
| Concentration:  | Lot specific     |

## Handling

|                  |                                                                                                                                                                                         |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:          | Lyophilized from PBS with 2 % sucrose                                                                                                                                                   |
| Handling Advice: | Avoid repeat freeze-thaw cycles.                                                                                                                                                        |
| Storage:         | 4 °C,-20 °C                                                                                                                                                                             |
| Storage Comment: | Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)<br>Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles. |

## Images



**Image 1.**