

Datasheet for ABIN2891589  
**anti-STAT3 antibody (Thr721)**



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## Overview

|                      |                                                                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                     |
| Target:              | STAT3                                                                                                                                      |
| Binding Specificity: | Thr721                                                                                                                                     |
| Reactivity:          | Human, Mouse, Rat                                                                                                                          |
| Host:                | Rabbit                                                                                                                                     |
| Clonality:           | Polyclonal                                                                                                                                 |
| Conjugate:           | This STAT3 antibody is un-conjugated                                                                                                       |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF),<br>Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|               |                                                                                            |
|---------------|--------------------------------------------------------------------------------------------|
| Immunogen:    | Synthetic peptide around Thr721 of human STAT3<br><br>Type of Immunogen: Synthetic peptide |
| Specificity:  | Human STAT3                                                                                |
| Purification: | Immunoaffinity purified                                                                    |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | STAT3                                    |
| Alternative Name: | STAT3 ( <a href="#">STAT3 Products</a> ) |
| Background:       | Name/Gene ID: STAT3                      |

## Target Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Synonyms: STAT3, Acute-phase response factor, APRF, DNA-binding protein APRF, HIES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene ID:  | 6774                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:  | <a href="#">P40763</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Pathways: | <a href="#">JAK-STAT Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Stem Cell Maintenance</a> , <a href="#">Hepatitis C</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Feeding Behaviour</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Human                                  |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | PBS, pH 7.2, 15 mM sodium azide                                                                                        |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice:   | Avoid repeated freezing and thawing.                                                                                   |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.                               |