

Datasheet for ABIN2787839  
**anti-PDGFD antibody (N-Term)**



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1 Image

## Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 100 µL                                       |
| Target:              | PDGFD                                        |
| Binding Specificity: | N-Term                                       |
| Reactivity:          | Human, Mouse, Rat, Guinea Pig, Horse, Rabbit |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This PDGFD antibody is un-conjugated         |
| Application:         | Western Blotting (WB)                        |

## Product Details

|                       |                                                                                                                                 |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human PDGFD                                      |
| Sequence:             | NANLRRDESN HLTDLRYRDE TIQVKGNQYV QSPRFPNSYP RNLLLTWRLH                                                                          |
| Predicted Reactivity: | Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 100%                                                  |
| Characteristics:      | This is a rabbit polyclonal antibody against PDGFD. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified                                                                                                               |

## Target Details

|                   |                                          |
|-------------------|------------------------------------------|
| Target:           | PDGFD                                    |
| Alternative Name: | PDGFD ( <a href="#">PDGFD Products</a> ) |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background:       | <p>The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines, seven of which are f</p> <p>Alias Symbols: IEGF, MGC26867, MSTP036, SCDGF-B, SCDGFB</p> <p>Protein Interaction Partner: UBC, PDGFRB,</p> <p>Protein Size: 370</p> |
| Molecular Weight: | 40 kDa                                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID:          | 80310                                                                                                                                                                                                                                                                                                                                                                                                           |
| NCBI Accession:   | <a href="#">NM_025208</a> , <a href="#">NP_079484</a>                                                                                                                                                                                                                                                                                                                                                           |
| UniProt:          | <a href="#">Q9GZP0</a>                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>                                                                                                                                                                                                                                                                                                               |

## Application Details

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment:           | Antigen size: 370 AA                                                               |
| Restrictions:      | For Research Use only                                                              |

## Handling

|                    |                                                                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                  |
| Concentration:     | Lot specific                                                                                                                            |
| Buffer:            | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.                                     |
| 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 freeze-thaw cycles.                                                                                                      |
| Storage:           | -20 °C                                                                                                                                  |
| Storage Comment:   | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |



**Western Blotting**

**Image 1.** WB Suggested Anti-PDGFD Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart