

Datasheet for ABIN714590

## anti-PDGFD antibody (AA 271-370) (HRP)



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### Overview

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                    |
| Target:              | PDGFD                                                                                     |
| Binding Specificity: | AA 271-370                                                                                |
| Reactivity:          | Human, Mouse                                                                              |
| Host:                | Rabbit                                                                                    |
| Clonality:           | Polyclonal                                                                                |
| Conjugate:           | This PDGFD antibody is conjugated to HRP                                                  |
| Application:         | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PDGF-D |
| Isotype:              | IgG                                                        |
| Cross-Reactivity:     | Human, Mouse                                               |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig,Rabbit                               |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------|
| Target:           | PDGFD                                                                                     |
| Alternative Name: | PDGF D ( <a href="#">PDGFD Products</a> )                                                 |
| Background:       | Synonyms: IEGF, SCDGFB, MSTP036, SCDGF-B, Platelet-derived growth factor D, PDGF-D, Iris- |

## Target Details

expressed growth factor, Spinal cord-derived growth factor B, PDGFD, UNQ1899/PRO4345

Background: Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix (By similarity).

|           |                                                                                                   |
|-----------|---------------------------------------------------------------------------------------------------|
| Gene ID:  | 80310                                                                                             |
| UniProt:  | <a href="#">Q9GZP0</a>                                                                            |
| Pathways: | <a href="#">RTK Signaling</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a> |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400 |
| Restrictions:      | For Research Use only            |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |