

## Datasheet for ABIN7269403 anti-PDGFC antibody (AA 166-345)



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### 1 Image

#### Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 100 µL                               |
| Target:              | PDGFC                                |
| Binding Specificity: | AA 166-345                           |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This PDGFC antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

#### Product Details

|                   |                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:          | PDGFC Rabbit pAb                                                                                                                                                                                             |
| Immunogen:        | Recombinant fusion protein containing a sequence corresponding to amino acids 166-345 of human PDGFC (NP_057289.1).                                                                                          |
| Sequence:         | QFTEAVSPSV LPPSALPLDL LNNAITAFST LEDLIRYLEP ERWQLDLEDL YRPTWQLLGK<br>AFVFGRKSRV VDLNLLTEEV RLYSCTPRNF SVSIREELKR TDTIFWPGCL LVKRCGGNCA<br>CCLHNCNECQ CVPSKVTKKY HEVLQLRPKT GVRGLHKS LT DVALEHHEEC DCVCRGSTGG |
| Isotype:          | IgG                                                                                                                                                                                                          |
| Cross-Reactivity: | Human, Mouse, Rat                                                                                                                                                                                            |
| Characteristics:  | Polyclonal Antibodies                                                                                                                                                                                        |
| Purification:     | Affinity purification                                                                                                                                                                                        |

## Target Details

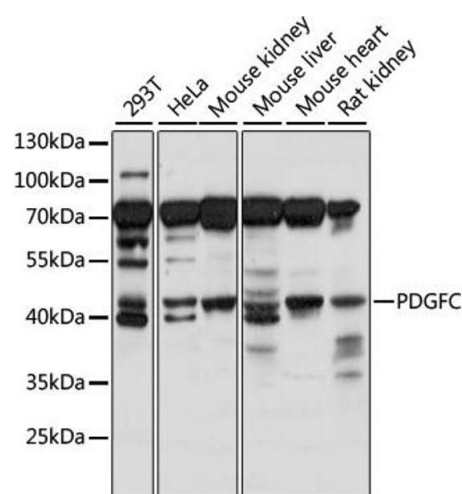
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | PDGFC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | PDGFC ( <a href="#">PDGFC Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Target Type:      | Viral Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | 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. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. Alternatively spliced transcript variants have been found for this gene.,PDGFC,FALLOTEIN,SCDGF,Cancer,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Stem Cells,Mesenchymal Stem Cells,Cardiovascular,Angiogenesis,PDGFC |
| Molecular Weight: | 18kDa/20kDa/31kDa/39kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Gene ID:          | 56034                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt:          | <a href="#">Q9NRA1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Pathways:         | <a href="#">RTK Signaling</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | WB,1:500 - 1:2000     |
| Restrictions:      | For Research Use only |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.                                                                    |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                                 |
| Storage Comment:   | Store at -20°C. Avoid freeze / thaw cycles.                                                                            |



Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using PDGFC antibody (ABIN7269403) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.