

Rabbit anti-Human PDGFB Polyclonal Antibody | anti-PDGFB antibody

PDGFB Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286240	Rabbit	Human	Immunofluorescence, ELISA, Western Blot

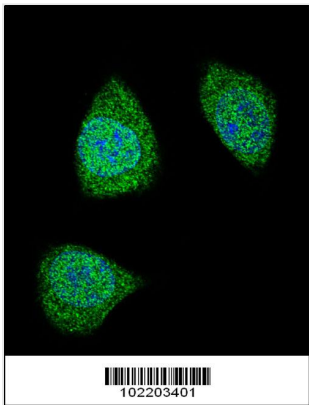
PRODUCT SYNONYMS

PDGFB; Polyclonal Antibody; PDGFB Antibody (C-term); Platelet-derived growth factor subunit B; PDGF subunit B; PDGF-2; Platelet-derived growth factor B chain; Platelet-derived growth factor beta polypeptide; Proto-oncogene c-Sis; Becaplermin; PDGF2; SIS; anti-PDGFB antibody

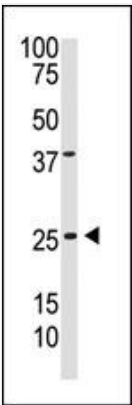
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDGFB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 212-241 amino acids from the C-terminal region of human PDGFB.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	212-241
Sequence Length	241
Applicable Applications for anti-PDGFB antibody	IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Confocal immunofluorescent analysis of PDGFB Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



WB (Western Blot)
The anti-PDGFB C-term Pab is used in Western blot to detect PDGFB in A375 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFB antibody	PDGFB 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 motif of eight cysteines. This gene product can exist either as a homodimer or as a heterodimer with the platelet-derived growth factor alpha polypeptide, where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor.
Product Categories/Family for anti-PDGFB antibody	Neuroscience; Microbiology; Metabolism; Immunology; Cell Biology; Cardiovascular; Cancer; Crown Antibodies; Signal Transduction
References	Muller, C., et al., J. Biol. Chem. 278(20):18330-18335 (2003). Laprise, M.H., et al., Blood 100(10):3578-3587 (2002). Maire, G., et al., Cancer Genet. Cytogenet. 134(2):156-161 (2002). Andrae, J., et al., Biochem. Biophys. Res. Commun. 296(3):604-611 (2002). Ehrlich, H.P., et al., Cytokines Cell Mol Ther 7(3):85-90 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599.1; NP_148937.1
NCBI GenBank Nucleotide #	NM_002608.2
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	27283
NCBI Official Full Name	platelet-derived growth factor subunit B isoform 1 preproprotein
NCBI Official Synonym Full Names	platelet-derived growth factor beta polypeptide
NCBI Official Symbol	PDGFB
NCBI Official Synonym Symbols	SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2
NCBI Protein Information	platelet-derived growth factor subunit B
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	PDGFB

UniProt Synonym Gene Names	PDGF2; SIS; PDGF subunit B
UniProt Entry Name	PDGFB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdgfb-antibody-immunofluorescence-western-blot-elisa/286240>