

Rabbit PDGF-B Polyclonal Antibody | anti-PDGFB antibody

PDGF-B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40725	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

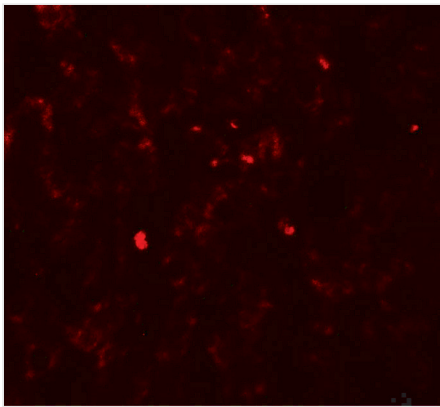
PRODUCT SYNONYMS

PDGF-B; Polyclonal Antibody; PDGF-B Antibody; SIS; SSV; IBGC5; PDGF2; c-sis; PDGF-2; Platelet-derived growth factor subunit B; PDGF subunit B; platelet-derived growth factor beta polypeptid; anti-PDGFB antibody

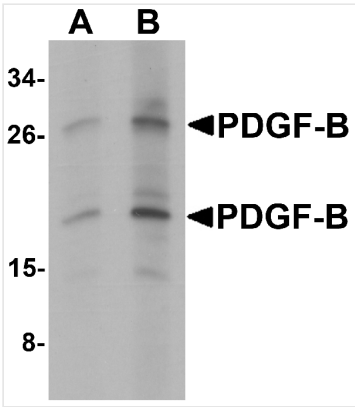
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	PDGF-B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	241
Applicable Applications for anti-PDGFB antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Rabbit polyclonal PDGF-B antibody was raised against a 19 amino acid peptide near the carboxy terminus of human PDGF-B.
Buffer	PDGF-B Antibody is supplied in PBS containing 0.02% sodium azide.
Homology	Predicted species reactivity based on immunogen sequence: Sheep: (100)
Positive Control	Rat Liver Tissue Lysate Human Liver Tissue Slide.
Preparation and Storage	PDGF-B antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of PDGF-B in human liver tissue with PDGF-B antibody at 20 μg/ml.



WB (Western Blot)
Western blot analysis of PDGF-B in rat liver tissue lysate with PDGF-B antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFB antibody	PDGF-B Antibody: The platelet-derived growth factor beta (PDGF-B) 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 (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB). Mutations in this gene are associated with meningioma, and reciprocal translocations between chromosomes 22 and 7, at sites where the PDGF-B gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599
NCBI GenBank Nucleotide #	NM_002608.2
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	Predicted: 27 kDa
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; becaplermin; PDGF, B chain; PDGF subunit B; proto-oncogene c-Sis; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor, beta polypeptide (oncogene SIS); platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog)
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/pdgf-b-antibody-immunofluorescence-western-blot-elisa/40725>