

Rabbit PDGFB Polyclonal Antibody | anti-PDGFB antibody

PDGFB Antibody

CATALOG # AAA168170	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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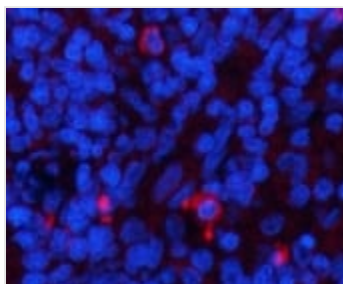
PRODUCT SYNONYMS

PDGFB; Polyclonal Antibody; PDGFB Antibody; FLJ12858; PDGF2; SIS; SSV; c-sis; anti-PDGFB antibody

PRODUCT SPECIFICATIONS

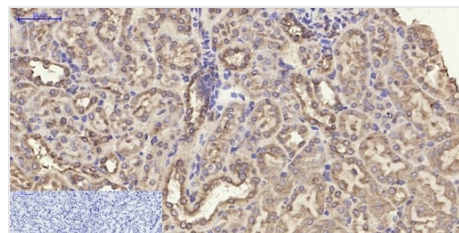
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	241
Applicable Applications for anti-PDGFB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human PDGFB
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-7878 / sc-127
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Rat spleen tissue using PDGF-B Polyclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse kidney tissue using PDGF-B Polyclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFB antibody	PDGF-BB is a cystine-linked homodimer PDGF family member with key roles in development, cell proliferation, cell survival, and angiogenesis (1, 2). PDGF-BB is expressed by vascular endothelium, megakaryocytes and Leydig cells (2). PDGF-BB targets pericytes, fibroblasts, monocytes and other cell types (1-3). PDGF induces fibroblast growth and migration (3) and is a chemoattractant for monocytes and granulocytes. Precursor PDGF-BB is cleaved intracellularly to generate a form that contains a carboxy-terminal stretch that serves to retain PDGF-BB in the extracellular matrix. In a second cleavage event, the carboxy-terminal stretch is removed extracellularly to generate mature PDGF-BB (1, 2). PDGF-BB binds to PDGFRbeta and induces receptor dimerization. Signaling is through the PI3K/Akt, JNK, and PLCgamma pathways (1, 2). PDGF-BB may have a role in some cancer types (2).
Product Categories/Family for anti-PDGFB antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	47678607
NCBI GeneID	5155
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	25,502 Da
NCBI Official Full Name	PDGFB
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; PDGF subunit B; PDGF, B chain; becaplermin; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); platelet-derived growth factor, beta polypeptide (oncogene SIS); proto-oncogene c-Sis
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://www.aaabiotech.com/polyclonal/pdgfb-antibody-immunohistochemistry-western-blot-elisa/168170>