

Goat PDGF-BB / PDGFB Polyclonal Antibody | anti-PDGF-BB antibody

Goat Polyclonal to Human PDGF-BB / PDGFB

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52079	Goat	Reactivity: Human, Bovine, Sheep Predicted Reactivity: Monkey, Mouse, Rat, Bat, Dog, Horse.	Immunohistochemistry

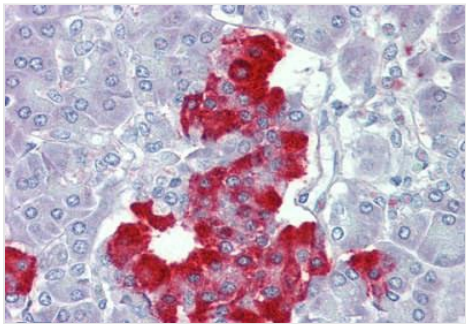
PRODUCT SYNONYMS

PDGF-BB / PDGFB; Polyclonal Antibody; Goat Polyclonal to Human PDGF-BB / PDGFB; Anti-PDGF-BB / PDGFB Antibody (C-Terminus) IHC-plus; PDGFB; Becaplermin; PDGF-BB; PDGF-b; SSV; PDGF subunit B; PDGF-2; PDGF2; Proto-oncogene c-Sis; SIS; C-sis; PDGF; B chain; Human PDGF-BB; anti-PDGF-BB antibody

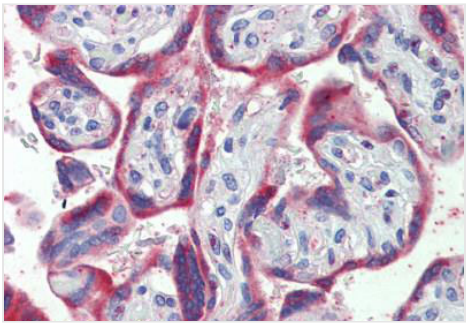
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Reactivity: Human, Bovine, Sheep Predicted Reactivity: Monkey, Mouse, Rat, Bat, Dog, Horse.
Clonality	Polyclonal
Specificity	Human PDGFB.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	241
Applicable Applications for anti-PDGF-BB antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide KHRKFKHTHDKT from C-Terminus of human PDGFB (NP_002599.1; NP_148937.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Sheep, Bovine, Opossum (100%); Marmoset, Mouse, Rat, Elephant, Panda, Bat, Dog, Horse (92%).
Epitope	aa222-233
Family/Subfamily	PDGF/not assigned-PDGF
Immunogen Type	Synthetic peptide
Immunogen	PDGF-BB / PDGFB antibody was raised against synthetic peptide KHRKFKHTHDKT from C-Terminus of human PDGFB (NP_002599.1; NP_148937.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Sheep, Bovine, Opossum (100%); Marmoset, Mouse, Rat, Elephant, Panda, Bat, Dog, Horse (92%); Cat (83%).
Antigen Modification	C-Terminus
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-PDGFB antibody IHC of human pancreas. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.



IHC (Immunohistochemistry)
Anti-PDGFB antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 3.75 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFB antibody	PDGF-BB 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), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 17, at sites where this gene and that for collagen type 1, alpha 1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor. Two alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Product Categories/Family for anti-PDGFB antibody	Family: PDGF

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505681
NCBI GeneID	5155
NCBI Accession #	NP_002599.1
NCBI GenBank Nucleotide #	NM_002608.2
UniProt Accession #	P01127; P78431; Q15354; Q6FHE7; Q9UF23; G3XAG8
Molecular Weight	25,502 Da
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; becaptermin; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdgf-bb-pdgfb-antibody-immunohistochemistry-elisa/52079>