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Goat anti-PDGFB precursor Antibody

Peptide-affinity purified goat antibody
Catalog # AF4516a

Product Information

Application	IF, FC, Pep-ELISA
Primary Accession	P01127
Other Accession	NP_002599.1, NP_148937.1
Reactivity	Human, Mouse, Rat, Dog, Sheep, Bovine
Host	Goat
Clonality	Polyclonal
Clone Names	PDGFB
Calculated MW	27283

Additional Information

Gene ID	5155
Other Names	PDGFB; platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); FLJ12858; PDGF2; SIS; SSV; c-sis; PDGF, B chain; Platelet-derived growth factor, beta polypeptide (oncogene SIS); becaplermin; oncogene SIS; platelet-d
Dilution	IF~~1:50~200 FC~~1:10~50 Pep-ELISA~~N/A
Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Immunogen	This antibody is expected to recognize isoform 1 and 2 (NP_002599.1; NP_148937.1).
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Goat anti-PDGFB precursor Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PDGFB
Synonyms	PDGF2, SIS
Function	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis.

	Potent mitogen for cells of mesenchymal origin (PubMed:26599395). Required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. Required for normal blood vessel development, and for normal development of kidney glomeruli. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFA (By similarity).
Cellular Location	Secreted. Note=Released by platelets upon wounding
Tissue Location	Expressed at high levels in the heart, brain (sustantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung