

Anti-PDGFB Antibody

Rabbit polyclonal antibody to PDGFB

Catalog # AP61507

Product Information

Application	WB
Primary Accession	P01127
Other Accession	P31240
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27283

Additional Information

Gene ID	5155
Other Names	PDGF2; SIS; 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
Target/Specificity	Recognizes endogenous levels of PDGFB protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	PDGFB
Synonyms	PDGF2, SIS
Function	<p>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).</p> <p>Secreted. Note=Released by platelets upon wounding</p>

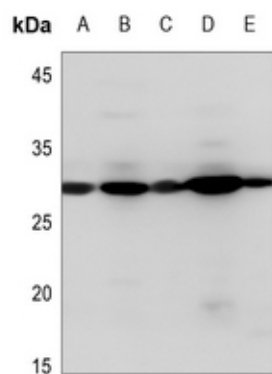
Cellular Location**Tissue Location**

Expressed at high levels in the heart, brain (substantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human PDGFB. The exact sequence is proprietary.

Images



Western blot analysis of PDGFB expression in U2OS (A), mouse liver (B), mouse muscle (C), rat liver (D), rat muscle (E) whole cell lysates.

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