

Anti-PDGFB Antibody
Rabbit polyclonal antibody to PDGFB
Catalog # AP61507

Specification

Anti-PDGFB Antibody - Product Information

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

Anti-PDGFB Antibody - 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

Anti-PDGFB Antibody - 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: <http://www.uniprot.org/citations/26599395> target="_blank">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

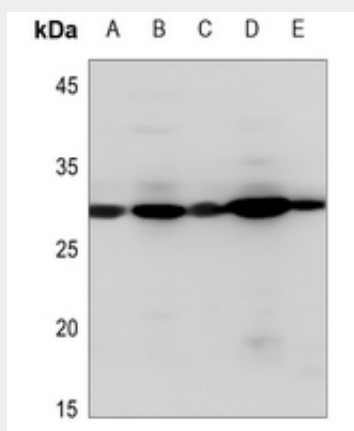
Expressed at high levels in the heart, brain (sustantia nigra), placenta and fetal kidney. Expressed at moderate levels in the brain (hippocampus), skeletal muscle, kidney and lung

Anti-PDGFB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-PDGFB Antibody - 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.

Anti-PDGFB Antibody - Background

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