

PDGF B Antibody

Rabbit mAb Catalog # AP93138

Product Information

Application WB Primary Accession P01127

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names PDGF2; Pdgfb; Platelet derived growth factor 2; Platelet derived growth factor

B chain; Platelet derived growth factor beta; SIS; SSV;

IsotypeRabbit IgGHostRabbitCalculated MW27283

Additional Information

Dilution WB 1:500~1:2000 **Purification** Affinity-chromatography

Immunogen A synthesized peptide derived from human PDGF B

Description 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).

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

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

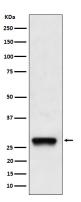
similarity).

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

Images



Western blot analysis of PDGF B expression in A375 cell lysate.

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