

Product Name: PDGF B Rabbit Monoclonal Antibody
Catalog #: AMRe02411



Summary

Production Name	PDGF B Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	PDGFB PDGFB; PDGF2; SIS; Platelet-derived growth factor subunit B; PDGF subunit B; PDGF-2;
Alternative Names	Platelet-derived growth factor B chain; Platelet-derived growth factor beta polypeptide; Proto-oncogene c-Sis; Becaplermin
Gene ID	5155
SwissProt ID	P01127.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100
Molecular Weight	Calculated MW: 27 kDa; Observed MW: 27 kDa

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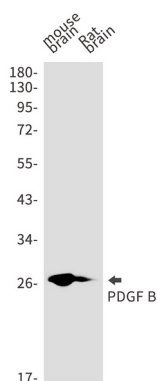
Background

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 .

Research Area

Cardiovascular

Image Data



Western blot analysis of PDGF B in mouse brain, rat brain lysates using PDGF B antibody.

Note

For research use only.