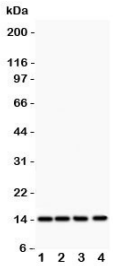
PDGF-B Antibody (R31724)

Catalog No.	Formulation	Size
R31724	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
Gene ID	5155
Applications	Western blot: 0.5-1ug/ml
Limitations	This PDGF-B antibody is available for research use only.



Western blot testing of PDGF-B antibody and Lane 1: rat heart; 2: (r) brain; 3: mouse heart; 4: human HeLa lysate Predicted size: ~15 kDa monomer and ~32 kDa dimer.

Description

Platelet-derived growth factor subunit B is a protein that in humans is encoded by the PDGFB gene. The protein encoded by this gene is a member of the platelet-derived growth factor family. PDGF-B can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Growth factor plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. PDGF-B plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGF-A.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the PDGF-B antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 82-190) was used as the immunogen for this PDGF-B antibody.

Storage

After reconstitution, the PDGF-B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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