

PDGFB Antibody

Catalog No: #32219

Package Size: #32219-1 50ul #32219-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

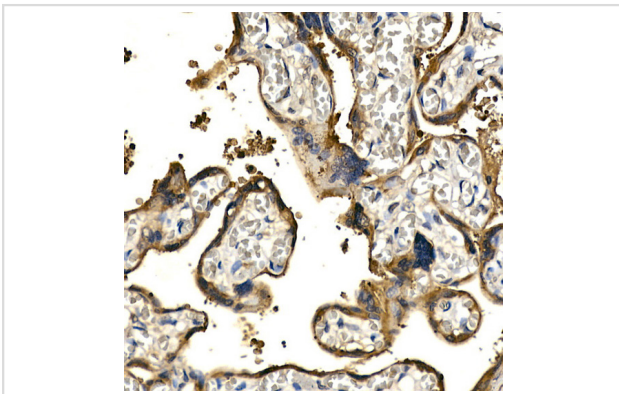
Description

Product Name	PDGFB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Rat
Specificity	The antibody detects endogenous level of total PDGFB protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human PDGFB (NP_002599.1).
Target Name	PDGFB
Other Names	PDGFB;IBGC5;PDGF-2;PDGF2;SIS;SSV;c-sis
Accession No.	Uniprot:P01127GenelD:5155
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GenelD	5155
SDS-PAGE MW	27KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

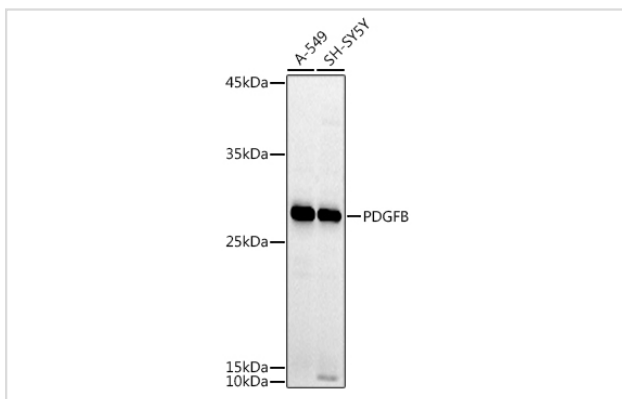
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

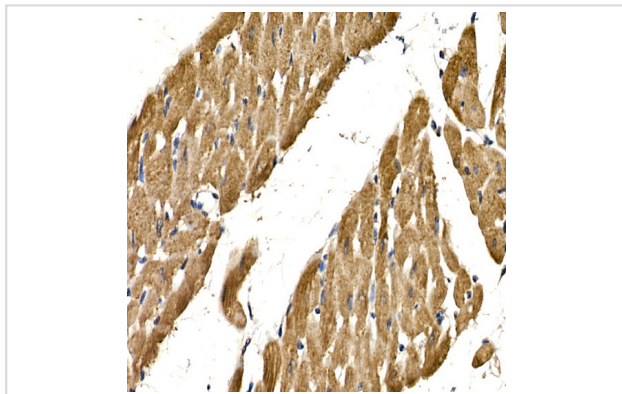
Images



Immunohistochemistry of paraffin-embedded human placenta using PDGFB Rabbit pAb.



Western blot analysis of extracts of various cell lines, using PDGFB antibody.



Immunohistochemistry of paraffin-embedded rat heart using PDGFB Rabbit pAb.

Background

This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit B, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit A. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 17, at sites where this gene and that for collagen type 1, alpha 1 are located, are associated with dermatofibrosarcoma protuberans, a rare skin tumor. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only