

PDGFRA antibody

Catalog No: #38364

Package Size: #38364-1 50ul #38364-2 100ul

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

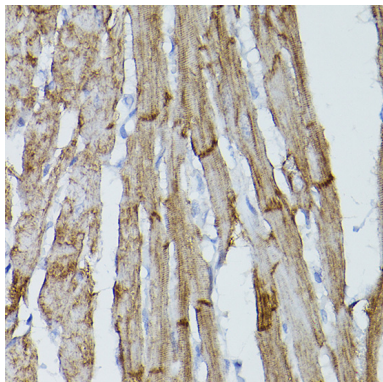
Description

Product Name	PDGFRA antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total PDGFRA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human PDGFRA (NP_006197.1).
Conjugates	Unconjugated
Target Name	PDGFRA
Other Names	PDGFRA;CD140A;PDGFR-2;PDGFR2;GAS9;RHEPDGFRA
Accession No.	Uniprot:P16234GeneID:5156
SDS-PAGE MW	150-190KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

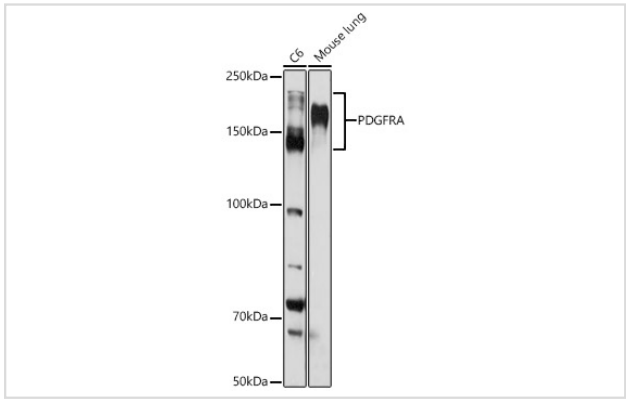
Application Details

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

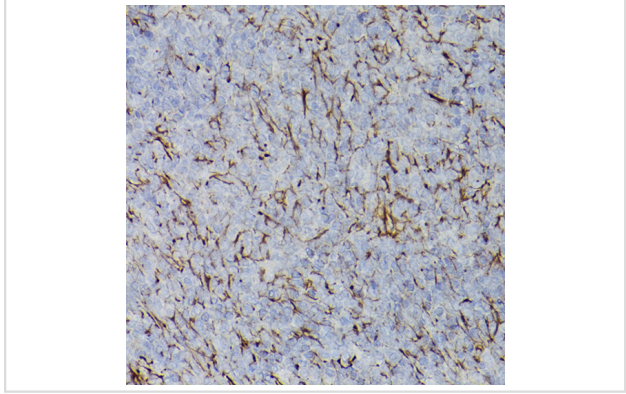
Images



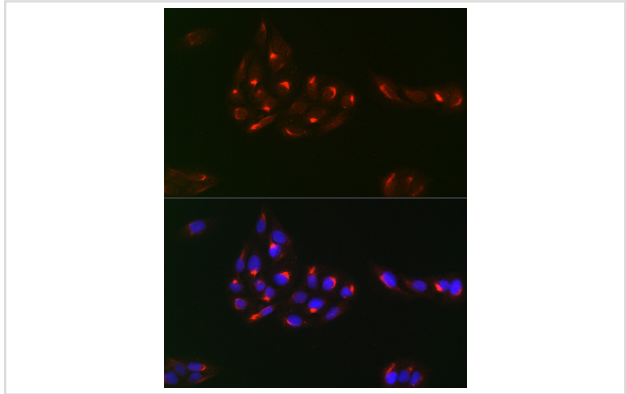
Immunohistochemistry of paraffin-embedded mouse heart using PDGFRA Rabbit pAb.



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



Immunohistochemistry of paraffin-embedded rat spleen using PDGFRA Rabbit pAb.



Immunofluorescence analysis of U-2 OS cells using PDGFRA Rabbit pAb.

Background

This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Published Papers

el at., Single-cell RNA-Seq reveals the heterogeneity of fibroblasts within the tympanojugular paraganglioma microenvironment. In Heliyon on 2024 Jul 31 by Shengming Wang, Boya Zhang, et al..PMID:39170307, , (2024)

[PMID:39170307](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.