

PDGFRA antibody

Catalog No: #38364



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

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

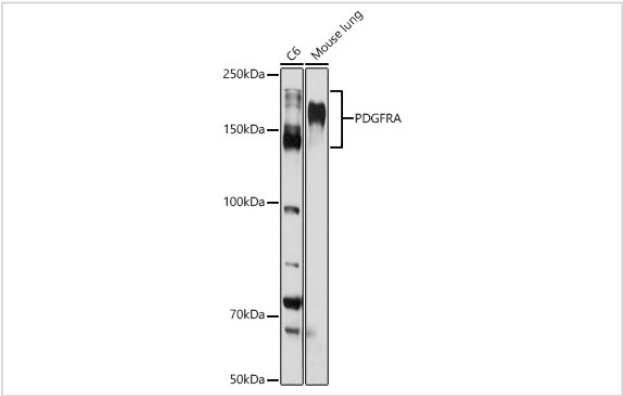
Description

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.

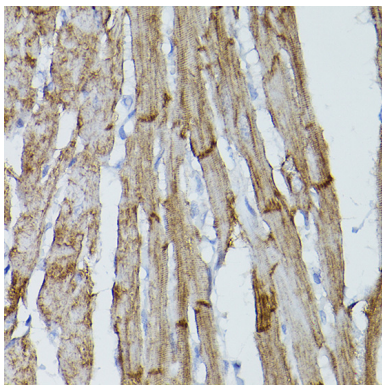
Application Details

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

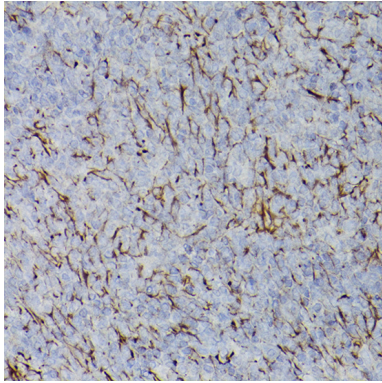
Images



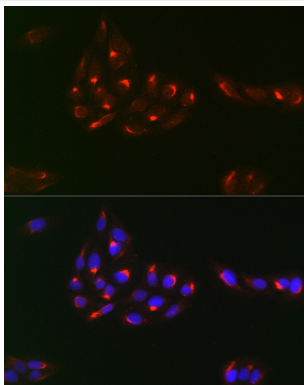
Western blot analysis of extracts of various cell lines, using PDGFRA antibody.



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



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.