

For Research Use Only

PDGFR beta/CD140b Polyclonal antibody

Catalog Number: 13449-1-AP

Featured Product

45 Publications



Basic Information

Catalog Number:

13449-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4285

GenBank Accession Number:

BC032224

GeneID (NCBI):

5159

UNIPROT ID:

P09619

Full Name:

platelet-derived growth factor receptor, beta polypeptide

Calculated MW:

1106 aa, 124 kDa

Observed MW:

160-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:2000-1:8000

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue,

IP : mouse lung tissue,

IHC : human placenta tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Xiuyue Song	36171979	J Tissue Eng	
Hui Tang	33330033	Front Oncol	WB
Polona Safaric Tepes	34837064	Lab Invest	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

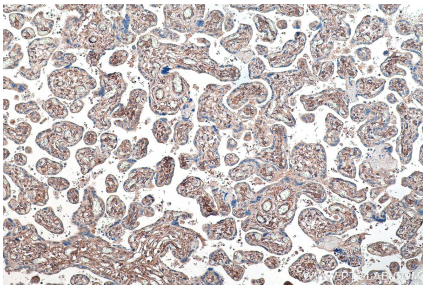
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

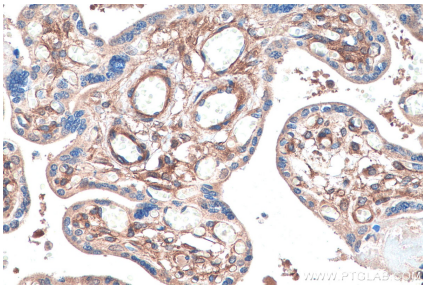
E: proteintech@ptglab.com
W: ptglab.com

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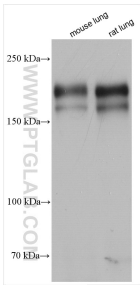
Selected Validation Data



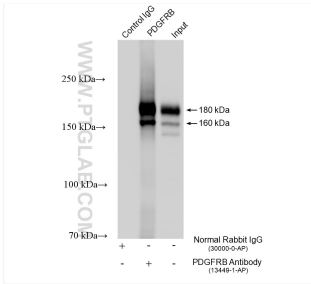
Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13449-1-AP (PDGFRB antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13449-1-AP (PDGFRB antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 13449-1-AP (PDGFRB antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-PDGFR beta (IP:13449-1-AP, 4ug; Detection:13449-1-AP 1:5000) with mouse lung tissue lysate 1120 ug.