

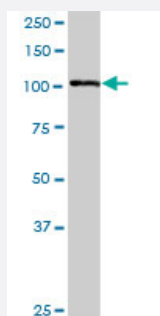
MaxPab®

PDGFRB MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005159-D01

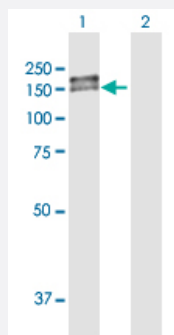
Size 100 uL

Applications



Western Blot (Tissue lysate)

PDGFRB MaxPab rabbit polyclonal antibody. Western Blot analysis of PDGFRB expression in mouse testis.

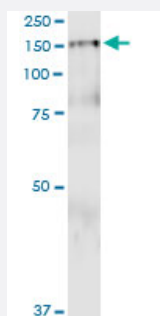


Western Blot (Transfected lysate)

Western Blot analysis of PDGFRB expression in transfected 293T cell line ([H00005159-T01](#)) by PDGFRB MaxPab polyclonal antibody.

Lane 1: PDGFRB transfected lysate(124 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PDGFRB transfected lysate using anti-PDGFRB MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDGFRB purified MaxPab mouse polyclonal antibody (B01P) ([H00005159-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human PDGFRB protein.

Immunogen	PDGFRB (AAH32224.1, 1 a.a. ~ 1106 a.a) full-length human protein.
Sequence	MRLPGAMPALALKGELLLLSLLLLLEPQISQGLVVTTPPGPELVLNVSSTFVLTCSGSAPVVWERM SQEPPQEMAKAQDGTFFSVLTLTNLTGLDTGEYFCTHNDSRGLETDERKRLYFVPDPTVGFLPN DAEELFIFLTEITEITPCRVTDPLVVTLHEKKGDVALPVPYDHQGRFFGIFEDRSYICKTTIGDREV DSDAYVYRLQVSSINVSNAVQTVVRQGENITLMCVIGNEVVNFEWYTPRKESGRLVEPVTDFL LDMPYHIRSILHPSAELEDSGTYTCTNVTESVNDHQDEKAINITVVEGYSVRLLEGEVGTQLQFAELHRS RTLQVVFEAYPPTVLWFKDNRTLGDSSAGEIALSTRNVSETRYVSELTIVRVKVAEAGHYTMRA FHEDAELVQLSFQLQINVPVRVLELSESHPDSSGEQTVRCRGRGMPQPNIIWSACRDLKRCPRELP PTLLGNSSEEEESQLETNVTYWEEEQEFVSTLRLQHVDRLSVRCTLRNAVGQDTQEVIVPHS LPFKVVVISAILLVLTIIISLILMLWQKKPRYEIRWKVIESVSSDGHEYVYDPMQLPYDSTWELPR DQLVLGRTLGSAGFQGVVEATAHGLSHSQATMKVAVKMLKSTARSSSEKQALMSELKIMSHLGP LNVVNLLGACTKGGPMITEYCRYGDLVDYLHRNKHTFLQHHSKRRPPSAELYSNALPVGLPLPS HVSLTGESDGGYMDMSKDESVDYVPMMDMKGDVKYADIESSNYMAPYDNYVPSAPERTCRATLI NESPVLSYMDLVGFSYQVANGMEFLASKNCVHRDLAARNVLICEGKLVKICDFGLARDIMRDSNY SKGSTFLPLKWMAPESIFNSLYTTLSDVWSFGILLWEFTLGGTPYPELPMNEQFYNAIKRGYRMAQ PAHASDEYEIMQKCWEEKFEIRPPFSQLVLLLERLLGEGYKKKYQQVDEEFLRSDHPAILRSQAR LPGFHGLRSPDTSVLYTAVQPNEGDNDYIIPDPKPEVADEGPLEGSPSLASSTLNEVNTSST ISCDSPLEPQDEPEPEPQLELQVEPEPELEQLPDSGCPAPRAEAEDSFL
Host	Rabbit
Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — PDGFRB

Entrez GeneID

[5159](#)

GeneBank Accession#

[BC032224.1](#)

Protein Accession#

[AAH32224.1](#)

Gene Name

PDGFRB

Gene Alias

CD140B, JTK12, PDGF-R-beta, PDGFR, PDGFR1

Gene Description

platelet-derived growth factor receptor, beta polypeptide

Omim ID

[131440](#) [173410](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia. [provided by RefSeq]

Other Designations

beta platelet-derived growth factor receptor|platelet-derived growth factor receptor beta|soluble PDGFRb variant 1

Pathway

- [Calcium signaling pathway](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)

- [Gap junction](#)
- [Glioma](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)

- [Schizophrenia](#)
- [Subdural Effusion](#)