

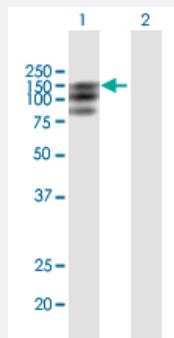
MaxPab®

PDGFRA MaxPab rabbit polyclonal antibody (D01)

Catalog # H00005156-D01

Size 100 uL

Applications

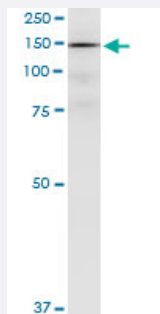


Western Blot (Transfected lysate)

Western Blot analysis of PDGFRA expression in transfected 293T cell line ([H00005156-T01](#)) by PDGFRA MaxPab polyclonal antibody.

Lane 1: PDGFRA transfected lysate (122.7 kDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PDGFRA transfected lysate using anti-PDGFRA MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDGFRA purified MaxPab mouse polyclonal antibody (B01P) ([H00005156-B01P](#)).

Specification

Product Description

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

Immunogen

PDGFRA (ENSP00000257290, 1 a.a. ~ 1089 a.a) full-length human protein.

Sequence	MGTSHPAFLVLGCLLTGLSLILCQLSLPSILPNENKVVQLNSSFSLRCFGESEVSWQYPMSEEE SSDVEIRNEENNSGLFVTLEVSSASAAHTGLYTCYNNHTQTEENELEGRHMYVPDPDVAFVPLG MTDYLVIVEDDDSAIIPCRRTDPETPVTLHNSEGVVPASYDSRQGFNGTFTVGPYCEATVKGKKF QTIPFNVYALKATSELDLEMEALKTVYKSGETIVTCAVFNNEVVDLQWTYPGEVKGKGITMLEEIK VPSIKLVYTLTVPEATVKDSGDYECARQATREVKEMKKVTISVHEKGFIKPTFSQLEAVNLHEV KHFFVEVRAYPPPRISWLKNNLTLIENLTEITDVEKIQEIRYRSKLKLIRAKEEDSGHYTVAQNEDA VKSYTFELLTQVPSSILDLVDDHHGSTGGQTVRCTAEGTPLDIEWMICKDIKKCNNETSWTILANN VSNIIETHSRDRSTVEGRVTFKVEETIAVRCLAKNLLGAENRELKLVAPTLRSELTVA AAVLVLLVI VIISLMLVVIWKQKPRYEIRWRVIESISPDGHEYVYDPMQLPYDSRWEFPRDGLVLGRVLGSGAFG KVVEGTAYGLSRSQPVMKVAVKMLKPTARSSEKQALMSELKIMTHLGPLNIVNLLGACTKSGPIY IITEYCFYGDLVNYLHKNRDSFLSHHPEKPKKELDIFGLNPADESTRSYVILSFENNGDYMDMKQAD TTQYVPMLEKEVSKYSIQRSLYDRPASYYKKKSMLDSEVKNNLSDDNSEGLTLLDLSFTYQVA RGMEFLASKNCVHRDLAARNVLLAQGKVKICDFGLARDIMHDSNYVSKGSTFLPVKWMAPESIF DNLYTTLSDVWSYGILLWEIFSLGGTPYPGMMVDSTFYNKIKSGYRMAKPDHATSEVYEIMVKCWN SEPEKRPSTFYHLSEVENLLPGQYKKSYEKIHLDFLKSDHPAVARMRVDSNAYIGVTYKNEEDKL KDWEGGLDEQRLSADSGYIPLPDIDPVPEEEDLGKRNHRHSSQTSEESA IETGSSSSTFIKREDETI EDIDMMDDIGIDSSDLVEDSFL
Host	Rabbit
Reactivity	Human
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.

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[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PDGFRA transfected lysate using anti-PDGFRA MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDGFRA purified MaxPab mouse polyclonal antibody (B01P) ([H00005156-B01P](#)).

[Protocol Download](#)

Gene Info — PDGFRA

Entrez GeneID	5156
GeneBank Accession#	ENST00000257290
Protein Accession#	ENSP00000257290
Gene Name	PDGFRA
Gene Alias	CD140A, MGC74795, PDGFR2, Rhe-PDGFRA
Gene Description	platelet-derived growth factor receptor, alpha polypeptide
Omim ID	173490 606764 607685
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. Studies in knockout mice, where homozygosity is lethal, indicate that the alpha form of the platelet-derived growth factor receptor is particularly important for kidney development since mice heterozygous for the receptor exhibit defective kidney phenotypes. [provided by RefSeq]
Other Designations	FIP1L1/PDGFRA fusion protein platelet-derived growth factor receptor alpha rearranged-in-hyper eosinophilia-platelet derived growth factor receptor alpha fusion protein

Pathway

- [Calcium signaling pathway](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Glioma](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)

- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Aneuploidy](#)
- [Asthma](#)
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- [Carcinoma](#)
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- [Cleft Lip](#)
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