

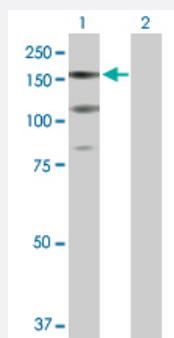
MaxPab®

PDGFRA purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005156-B01P

Size 50 ug

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(119.79 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

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

Immunogen

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

Sequence

MGTSHPAFLVLGCLLTGLSLILCQLSLPSILPNENEKVVQLNSSFSLRCFGESEVSWQYPMSEEE
SSDVEIRNEENNSGLFVTVLEVSSASAAHTGLYTCYNNHTQTEENELEGRHMYVPDPDAFVPLG
MTDYLVIDDDSAIIPCRTTDPETPVTLHNSGVPASYSRQGFNGFTVGPYCEATVKGKKF
QTIPFNVYALKATSELDLEMEALKTVYKSGETIVTCAVFNNEVVDLQWTYPGEVKGKGITMLEEIK
VPSIKLVYTLTVPEATVKDSGDYECARQATREVKEMKVTISVHEKGFIEIKPTFSQLEAVNLHEV
KHFVVEVRAYPPPRISWLKNNLTLENLITEITDVEKIQEIRYRSLKLIRAKEEDSGHYTVAQNEDA
VKSYFELLTQVPSSILDLVDDHHGSTGGQTVRCTAEGTPLDIEWMICKDIKKCNNETSWTILANN
VSNITEIHSRDRSTVEGRVTFKVEETIAVRCLAKNLLGAENRELKLVAPTLRSELTVA AAVLVLLVI
VIISLMLVVWKQKPRYERWRVIESISPDGHEYYVDPMQLPYDSRWEFPRDGLVLGRVLGSGAFG
KVVEGTAYGLSRSQPMKVAVKMLKPTARSSEKQALMSELKIMTHLGPLNIVNLLGACTKSGPIY
IITEYCFYGLDVNYLHKNRDSFLSHHPEKPKKELDIFGLNPADESTRSYVILSFENNGDYMDMKQAD
TTQYVPMLEKESKYSIQRSLYDRPASYYKKSMMLDSEVKNLLSDDNSEGLTLLDLLSFTYQVA
RGMEFLASKNCVHRDLAARNVLLAQGKVKICDFGLARDIMHDSNYVSKGSTFLPVKWMAPESIF
DNLYTTLSDVWSYGILLWEIFSLGGTPYGMMDSTFYNNKIKSGYRMAKPDHATSEVYEIMVKCWN
SEPEKRPSFYHLSEVENLLPGQYKKSYEKIHLDFLKSHPAVARMRVSDNAYIGVTYKNEEDKL
KDWEGLDEQRLSADSGYIPLPDIDPVPEEEDLGKRNHRSSQTSEESA IETGSSSSSTFIKREDETI
EDIDMMDDIGIDSSDLVEDSFL

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — PDGFRA

Entrez GeneID	5156
GeneBank Accession#	NM_006206.3
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] q

Other Designations

FIP1L1/PDGFR α fusion protein|platelet-derived growth factor receptor α |rearranged-in-hyper eosinophilia-platelet derived growth factor receptor α 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](#)
- [Brain Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Stromal Tumors](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Hyperparathyroidism](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Malignant melanoma](#)
- [Meningomyelocele](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neural Tube Defects](#)
- [Osteoporosis](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Spinal Dysraphism](#)

- [Subdural Effusion](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)
- [Uterine Cervical Neoplasms](#)
- [Vitiligo](#)