

DNAxPAb

Hard-to-Find
Antibody

PDGFRA DNAxPab

Catalog # H00005156-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PDGFRA DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MGTSHPAFLVLGCLLTGLSLILCQLSLPSILPNENEKVVLNSSFSLRCFGESEVSWQYPMSEEE
SSDVEIRNEENNSGLFVTVLEVSSASAAHTGLYTCYNNHTQTEENELEGRHMYVPDPDAFVPLG
MTDYLIVEDDDSAIIPCRITDPETPVTLHNSEGVPASYSRQGFNGFTVGPYCEATVKGKKF
QTIPFNVYALKATSELDLEMEALKTVYKSGETIVVTCVFNNEVVDLQWTYPGEVKGKGITMLEEIK
VPSIKLVYTLTVPEATVKDSGDYECARQATREVKEMKKVTISVHEKGFIEIKPTFSQLEAVNLHEV
KHFVVEVRAYPPRISWLKNNLTLENLTIITDVEKIQEIRYRSKLKIRAKEEDSGHYTVAQNEDA
VKSYTFELLTQVPSSILDLDVDDHHGSTGGQTVRCTAEGTPLDIEWMICKDIKKCNNETSWTILANN
VSNITEIHSRDRSTVEGRVTFKVEETIAVRCLAKNLLGAENRELKLVAPTLRSELTVA AAVLVLLVI
VIISLMLVVIWKQKPRYERWRVIESISPDGHEYVDPMQLPYDSRWEFPRDGLVLGRVLGSGAFG
KVVEGTAYGLSRSPVMKVAVKMLKPTARSSEKQALMSELKIMTHLGPHLNIVNLLGACTKSGPIY
IITEYCFYGDLVNVLHKNRDSFLSHHPEKPKKELDIFGLNPADESTRSYVILSFENNGDYMDMKQAD
TTQYVPMLEKEVSKYSIQRSLYDRPASYSKKKSMLDSEVKNLLSDDNSEGLTLLDLSFTYQVA
RGMEFLASKNCVHRDLAARNVLLAQGKVKICDFGLARDIMHDSNYVSKGSTFLPVKWMAPESIF
DNLYTTLSDVWSYGILLWEIFSLGGTPYPGMMVDSTFYNKIKSGYRMAKPDHATSEVYEIMVKCWN
SEPEKRPSFYHLSEVENLLPGQYKKSYEKIHLDFLKSDHPAVARMRVDSDNAYIGVTYKNEEDKL
KDWEGLDEQRLSADSGYIPLPDIDPVPEEEDLGKRNRHSSQTSEESA IETGSSSSSTFIKREDETI
EDIDMMDDIGIDSSDLVEDSFL

Host Rabbit

Reactivity Human

Purification Protein A

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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)
- [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](#)