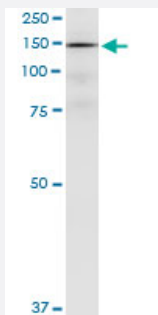


PDGFRA (Human) IP-WB Antibody Pair

Catalog # H00005156-PW1

Size 1 Set

Applications



Immunoprecipitation of PDGFRA transfected lysate using rabbit polyclonal anti-PDGFRA and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with mouse purified polyclonal anti-PDGFRA.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PDGFRA transfected lysate using rabbit polyclonal anti-PDGFRA and Protein A Magnetic Bead (U0007), and immunoblotted with mouse purified polyclonal anti-PDGFRA.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-PDGFRA (300 ul) 2. Antibody pair for WB: mouse purified polyclonal anti-PDGFRA (50 ug)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PDGFRA

Entrez GeneID [5156](#)

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](#)