9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

PDGFRA MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00005156-D01

Regulation Status: For research use only (RUO)

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:
MGTSHPAFLVLGCLLTGLSLILCQLSLPSILPNENEKVV
QLNSSFSLRCFGESEVSWQYPMSEEESSDVEIRNEEN
NSGLFVTVLEVSSASAAHTGLYTCYYNHTQTEENELE
GRHIYIYVPDPDVAFVPLGMTDYLVIVEDDDSAIIPCRT
TDPETPVTLHNSEGVVPASYDSRQGFNGTFTVGPYIC
EATVKGKKFQTIPFNVYALKATSELDLEMEALKTVYKS
GETIVVTCAVFNNEVVDLQWTYPGEVKGKGITMLEEIK
VPSIKLVYTLTVPEATVKDSGDYECAARQATREVKEMK
KVTISVHEKGFIEIKPTFSQLEAVNLHEVKHFVVEVRAY
PPPRISWLKNNLTLIENLTEITTDVEKIQEIRYRSKLKLIR
AKEEDSGHYTIVAQNEDAVKSYTFELLTQVPSSILDLV
DDHHGSTGGQTVRCTAEGTPLPDIEWMICKDIKKCNN
ETSWTILANNVSNIITEIHSRDRSTVEGRVTFAKVEETIA
VRCLAKNLLGAENRELKLVAPTLRSELTVAAAVLVLLVI
VIISLIVLVVIWKQKPRYEIRWRVIESISPDGHEYIYVDP
MQLPYDSRWEFPRDGLVLGRVLGSGAFGKVVEGTAY
GLSRSQPVMKVAVKMLKPTARSSEKQALMSELKIMTH
LGPHLNIVNLLGACTKSGPIYIITEYCFYGDLVNYLHKN
RDSFLSHHPEKPKKELDIFGLNPADESTRSYVILSFEN
NGDYMDMKQADTTQYVPMLERKEVSKYSDIQRSLYD
RPASYKKKSMLDSEVKNLLSDDNSEGLTLLDLLSFTYQ
VARGMEFLASKNCVHRDLAARNVLLAQGKIVKICDFGL
ARDIMHDSNYVSKGSTFLPVKWMAPESIFDNLYTTLSD
VWSYGILLWEIFSLGGTPYPGMMVDSTFYNKIKSGYR
MAKPDHATSEVYEIMVKCWNSEPEKRPSFYHLSEIVE
NLLPGQYKKSYEKIHLDFLKSDHPAVARMRVDSDNAYI
GVTYKNEEDKLKDWEGGLDEQRLSADSGYIIPLPDIDP
VPEEEDLGKRNRHSSQTSEESAIETGSSSSTFIKREDE
TIEDIDMMDDIGIDSSDLVEDSFL

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5156

Gene Symbol: PDGFRA

Gene Alias: CD140A, MGC74795, PDGFR2, Rhe-PDGFRA

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]