

**PDGFR- α (I843) polyclonal antibody**

Catalog: BS3759

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Platelet-derived growth factor receptors exhibit tyrosine-protein kinase activity and have been implicated in the control of cell proliferation, survival and migration. PDGF receptors, PDGFR- α and PDGFR- β , have 5 extracellular immunoglobulin-like domains and an intracellular tyrosine kinase domain. Upon binding a PDGF, the receptors form homo- and heterodimers. Dimerization of the receptors results in phosphorylation in the complex. More than 10 different SH2-domain-containing molecules have been shown to bind to different autophosphorylation sites in the PDGF- α and β receptors. PDGF α receptors are expressed in oligodendrocyte progenitor cells and PDGF β receptors are expressed on neurons.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 140, 190 kDa

Swiss-Prot:

P16234

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC: 1:50~1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

PDGFR- α (I843) polyclonal antibody detects endogenous levels of PDGFR- α protein.

DATA:**Note:**

For research use only, not for use in diagnostic procedure.

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