

PDGFR- β (phospho-Y751) polyclonal antibody

Catalog: BS5030

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:

~ 124, 190 kDa

Swiss-Prot:

P09619

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:

WB: 1:500~1:1000

IHC: 1:50~1:200

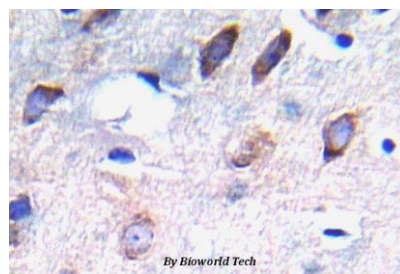
Storage&Stability:

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

Specificity:

p-PDGFR- β (Y751) polyclonal antibody detects endogenous levels of PDGFR- β protein only when phosphorylated at Tyr751.

DATA:



Immunohistochemistry (IHC) analyzes of p-PDGFR- β (Y751) pAb in paraffin-embedded human brain tissue.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151