PDGFR-β (G1017) polyclonal antibody

Catalog:	BS1764	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-alpha and PDGFR-beta, 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-alpha and beta receptors. PDGF alpha receptors are expressed in oligodendrocyte progenitor cells and PDGF beta receptors are expressed on neurons.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

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
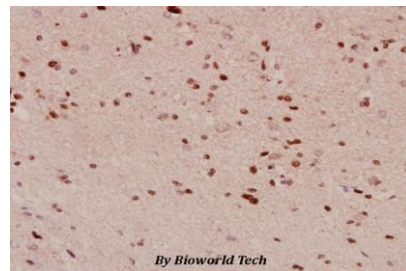
IHC: 1:50~1:200

IF: 1:50~1:200

Storage&Stability:

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

Specificity:

PDGFR-β (G1017) polyclonal antibody detects endogenous levels of PDGFR-β protein.

DATA:

Immunohistochemistry (IHC) analyzes of PDGFR-β (G1017) pAb in paraffin-embedded human brain carcinoma tissue at 1:50.

Note:

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