

PDGFR-beta(Phospho Tyr1021) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12890
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PDGFR beta around the phosphorylation site of Tyr1021. AA range:991-1040
Mol wt	123968
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Platelet-derived growth factor receptor beta
Synonyms	Platelet-derived growth factor receptor beta; PDGFRB; PDGFR; PDGFR1; Platelet-derived growth factor receptor beta; PDGF-R-beta; PDGFR-beta; Beta platelet-derived growth factor receptor; Beta-type platelet-derived growth factor receptor; CD140 antigen-like family member B; Platelet-deri

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia.

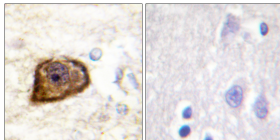
Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 5000

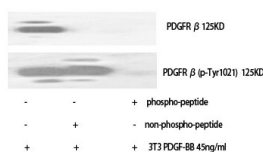
Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using PDGFR beta (Phospho-Tyr1021) Antibody. The picture on the right is blocked with the phospho peptide.

Western Blot analysis of various cells using Phospho-PDGFR-β (Y1021) Polyclonal Antibody



Storage

-20°C for 1 year

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