

PDGFR-alpha(Phospho Tyr754) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP12882
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PDGFR alpha around the phosphorylation site of Tyr754. AA range:721-770
Mol wt	122670
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 alpha
Synonyms	Platelet-derived growth factor receptor alpha; PDGFRA; PDGFR2; RHEPDGFRA; Platelet-derived growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD14

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. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Recommended Dilution

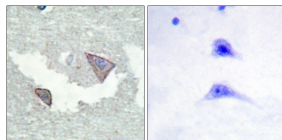
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

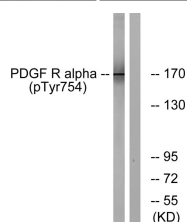
ELISA: 1: 5000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain, using PDGFR alpha (Phospho-Tyr754) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of PDGFR alpha (Phospho-Tyr754) Antibody. The lane on the right is blocked with the PDGFR alpha (Phospho-Tyr754) peptide.

Storage

-20°C for 1 year

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