

PDGFR- Alpha Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP07015
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human PDGFR α . AA range:816-865
Mol wt	122670
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	PDGFR-alpha Antibody
Synonyms	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;

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

Background

PDGFRA (platelet derived growth factor receptor alpha) 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 PDGFRA have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

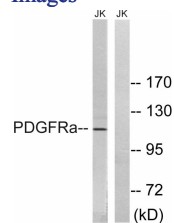
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, using PDGFR α Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year