

Anti-PDGFRΑ Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Sheep,Horse,Cow,Dog,Rat,Mouse)
Molecular Weight:	Theoretical: 117 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human PDGFRA
Antigen Species:	Human
Gene ID:	5156
Uniprot ID:	P16234
Synonyms:	platelet-derived growth factor receptor, alpha polypeptide;platelet-derived growth factor receptor, α polypeptide
Biology Area:	PDGF,Growth factor receptors,Growth Factors,Inflammatory mediators,PDGF,Receptor Tyrosine Kinases

Research 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. [provided by RefSeq, Mar 2012].

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