

## Anti-Phospho-PDGF R alpha/PDGFR (Tyr754) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Actual: 122 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,IF,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-300; ELISA: 1:5000

## 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:	A synthesized phosphopeptide: human PDGFR alpha around the phosphorylation site of Tyr754. AA range:721-770
Antigen Species:	human
Uniprot ID:	P16234
Synonyms:	PDGF R alpha/PDGFR (p-Y754);p-PDGF R alpha/PDGFR (Y754);PDGF R alpha/PDGFR (p-Tyr754);p-PDGF R alpha/PDGFR (Tyr754)

## Research Background

platelet derived growth factor receptor alpha(PDGFR) Homo sapiens 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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