



Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human
Molecular Weight:	123kDa
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y754 of human PDGFRα
Gene ID:	5156
Swiss-Prot No.:	P16234
Alternate:	CD140A;PDGFR-2;PDGFR2
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20° C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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.
Dilution:	WB 1:500 - 1:2000
Shipping&Stability:	Aliquot and store at -20° C. Avoid repeated freeze / thaw cycles.