



<b>Antibody type:</b>	Polyclonal Antibody
<b>Applications:</b>	WB
<b>Reactivity:</b>	Human
<b>Molecular Weight:</b>	123kDa
<b>Immunogen:</b>	A phospho specific peptide corresponding to residues surrounding Y1018 of human PDGFRα
<b>Gene ID:</b>	5156
<b>Swiss-Prot No.:</b>	P16234
<b>Altename:</b>	CD140A;PDGFR-2;PDGFR2
<b>Source:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Purification:</b>	Affinity purification
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
	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-

<b>Background:</b>	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.
<b>Dilution:</b>	WB 1:500 - 1:2000
<b>Shipping&amp;Stablity:</b>	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.