

CABP0568

Product Information

Product SKU:	CABP0568	Gene ID:	5156	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	180kDa	Conjugate:	Unconjugated
Calculated MW:	123kDa	Isotype:	IgG

Immunogen Information

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.
Recommended Dilution:	WB, 1:500 - 1:2000
Synonyms:	CD140A; PDGFR2; PDGFR-2; Phospho-PDGFR alpha-Y754
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around Y754 of human PDGFRA (NP_006197.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.