

CABP0615

---

## Product Information

<b>Product SKU:</b>	CABP0615	<b>Gene ID:</b>	5156	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

---

## Additional Information

<b>Observed MW:</b>	200kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	123kDa	<b>Isotype:</b>	IgG

---

## Immunogen Information

<b>Background:</b>	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.
<b>Recommended Dilution:</b>	WB, 1:500 - 1:2000
<b>Synonyms:</b>	CD140A; PDGFR2; PDGFR-2; Phospho-PDGFR $\alpha$ -Y1018
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic phosphorylated peptide around Y1018 of human PDGFRA (NP_006197.1).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.