



# Anti-PDGFA (aa 1063-1077) polyclonal antibody (DPABH-09436)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.
<b>Immunogen</b>	Synthetic peptide: EDETIEDIDMMDDIG conjugated to KLH, corresponding to amino acids 1063-1077 of Human PDGF Receptor alpha
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 4°C or -20°C long term. Avoid repeated freeze / thaw cycles. Store undiluted.

## GENE INFORMATION

**Gene Name** [PDGFRA platelet-derived growth factor receptor, alpha polypeptide \[ Homo sapiens \]](#)

<b>Official Symbol</b>	PDGFRA
<b>Synonyms</b>	PDGFRA; platelet-derived growth factor receptor, alpha polypeptide; CD140A; PDGFR2; PDGFR-2; RHEPDGFRA; platelet-derived growth factor receptor alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophilia-platelet derived growth factor receptor alpha fusion protein;
<b>Entrez Gene ID</b>	<a href="#">5156</a>
<b>Protein Refseq</b>	<a href="#">NP_006197.1</a>
<b>UniProt ID</b>	<a href="#">P16234</a>
<b>Pathway</b>	ATF-2 transcription factor network; Angiogenesis; Calcium signaling pathway; Constitutive PI3K/AKT Signaling in Cancer
<b>Function</b>	ATP binding; platelet-derived growth factor alpha-receptor activity; platelet-derived growth factor alpha-receptor activity; platelet-derived growth factor binding