

Rabbit PDGFRB Polyclonal Antibody | anti-PDGFRB antibody

PDGFRB Antibody (Tyr751)

CATALOG # AAA226135	HOST Rabbit	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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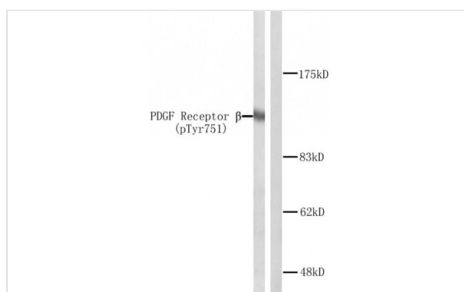
PRODUCT SYNONYMS

PDGFRB; Polyclonal Antibody; PDGFRB Antibody (Tyr751); Rabbit Polyclonal PDGFRB Antibody (Tyr751); Polyclonal PDGFRB antibody; Anti-PDGFRB antibody; Beta-type platelet-derived growth factor receptor antibody; CD140 antigen-like family member B antibody; CD140B antibody; JTK12 antibody; PDGF-R-beta antibody; PDGFR antibody; PDGFR1 antibody; PDGFRB antibody; PGFRB antibody; platelet-derived growth factor receptor beta polypeptide antibody; anti-PDGFRB antibody

PRODUCT SPECIFICATIONS

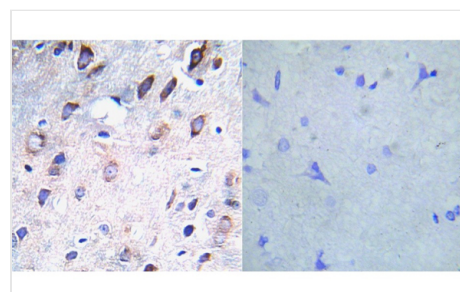
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	PDGFRB antibody (Tyr751) detects endogenous levels of PDGFR beta only when phosphorylated at tyrosine 751
Purity/Purification	Affinity Chromatography
Form/Format	Supplied in PBS buffer (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	1106
Applicable Applications for anti-PDGFRB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	PDGFRB antibody was raised in Rabbit using a synthesized phosphopeptide derived from human PDGFR beta around the phosphorylation site of tyrosine 751 (V-D-YP-V-P) as the immunogen.
Cross-Reactivity	Mouse, Rat
Preparation and Storage	Store at -20 degree C in small aliquots. Avoid repeat freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH/3T3 cells treated with PDGF. Left: Using PDGFR beta (phospho- Tyr751) antibody. Right: Using the same antibody preincubated with synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PDGFRB antibody (Tyr751)

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFRB antibody	PDGFRB binds members of the platelet-derived growth factor family. The identity of the growth factor bound determines whether the functional receptor is a homodimer or a heterodimer, composed of both PDGFR-alpha and -beta. Ligand binding induces receptor dimerization and autophosphorylation, thereby recruiting SH2-containing proteins including Grb2, Src, GAP, PTPN11, PI3 kinase, PLC-gamma and Nck.
Product Categories/Family for anti-PDGFRB antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505683
NCBI GeneID	5159
NCBI GenBank Nucleotide #	NP_002600.1
UniProt Accession #	P09619
NCBI Official Full Name	platelet-derived growth factor receptor beta isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor beta
NCBI Official Symbol	PDGFRB
NCBI Official Synonym Symbols	IMF1; KOGS; IBGC4; JTK12; PDGFR; PENTT; CD140B; PDGFR1; PDGFR-1
NCBI Protein Information	platelet-derived growth factor receptor beta
UniProt Protein Name	Platelet-derived growth factor receptor beta
UniProt Gene Name	PDGFRB
UniProt Synonym Gene Names	PDGFR; PDGFR1; PDGF-R-beta; PDGFR-beta; PDGFR-1
UniProt Entry Name	PGFRB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdgfrb-antibody-immunohistochemistry-western-blot-elisa/226135>