

Rabbit PDGF Receptor beta Antibody | anti-PDGFRB antibody

PDGF Receptor beta (Phospho-Tyr751) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA110902	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

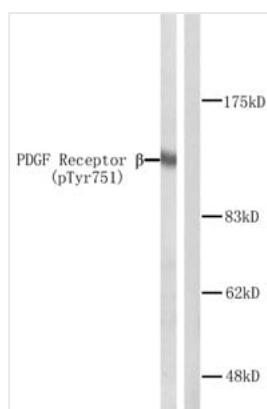
PRODUCT SYNONYMS

PDGF Receptor beta; PDGF Receptor beta (Phospho-Tyr751) Antibody; anti-PDGFRB antibody

PRODUCT SPECIFICATIONS

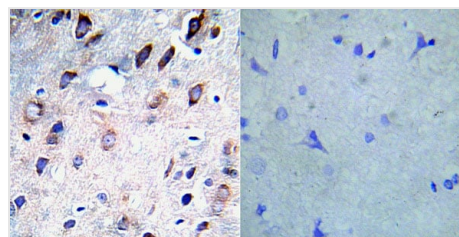
Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	PDGFR beta (phospho-Tyr751) antibody detects endogenous levels of PDGFR beta only when phosphorylated at tyrosine 751.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for anti-PDGFRB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PDGFR beta around the phosphorylation site of tyrosine 751 (V-D-YP-V-P).
Preparation and Storage	Store at -20 degree C for 1 year

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)

P-Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using PDGFR beta (phospho-Tyr751) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDGFRB antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Bergsten, E. et al. (2001) Nat. Cell Biol. 3, 512-516. Kovalenko M, et al. (2000) J Biol Chem 275, 16219-26. Ramalingam, K. et al. (1995) Bioorg. Med. Chem. 3, 1263-1272. Wennström S, et al. (1994) Oncogene 9, 651-60. Kazlauskas A, Kashishian A, Cooper JA, Valius M (1992) Mol Cell Biol 12, 2534-44.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505683
NCBI GeneID	5159
NCBI Accession #	NP_002600.1
NCBI GenBank Nucleotide #	NM_002609.3
UniProt Accession #	P09619; Q8N5L4; B5A957
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

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/rabbit-human-mouse-rat-antibody/pdgf-receptor-beta/110902>