

PDGFR alpha Antibody | anti-PDGFR alpha antibody

PDGFR alpha (Phospho-Tyr754) Antibody

CATALOG # AAA266749	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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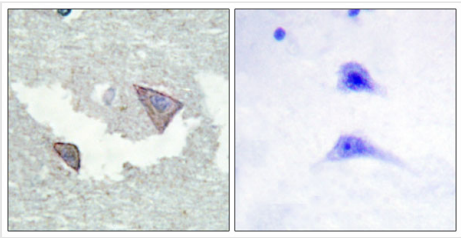
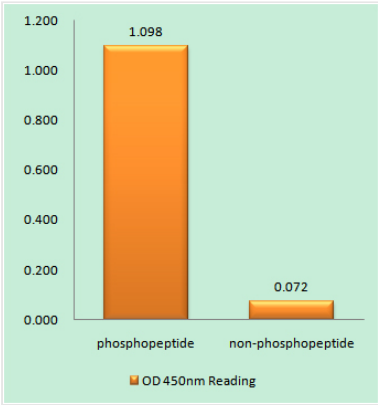
PRODUCT SYNONYMS

PDGFR alpha; PDGFR alpha (Phospho-Tyr754) Antibody; Alpha platelet-derived growth factor receptor precursor; CD140a; EC 2.7.10.1; PDGF-R-alpha; PDGFR-alpha; PGFRA; kinase PDGFR-alpha; anti-PDGFR alpha antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	PDGFR alpha (Phospho-Tyr754) antibody detects endogenous levels of PDGFR alpha only when phosphorylated at tyrosine 754.
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.
Sequence Length	1089
Applicable Applications for anti-PDGFR alpha antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human PDGFR alpha around the phosphorylation site of tyrosine 754 (S-K-YP-S-D).
All Sites	Human: Tyr754 Mouse: Tyr754 Rat: Tyr753
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using PDGFR alpha (Phospho-Tyr754) antibody. PDGFR alpha (Phospho-Tyr754) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDGFR alpha antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	NP Pringle, Development, Jun 1992; 115: 535. RA Seifert, J. Biol. Chem., Feb 1993; 268: 4473-4480. A Hall, Development, Dec 1996; 122: 4085.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1115538446
NCBI GeneID	5156
NCBI Accession #	NP_001334758.1
NCBI GenBank Nucleotide #	NM_001347829.1
UniProt Accession #	P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0
Molecular Weight	82,809 Da
NCBI Official Full Name	platelet-derived growth factor receptor alpha isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor alpha
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2
NCBI Protein Information	platelet-derived growth factor receptor alpha
UniProt Protein Name	Platelet-derived growth factor receptor alpha
UniProt Gene Name	PDGFRA
UniProt Synonym Gene Names	PDGFR2; RHEPDGFRA; PDGF-R-alpha; PDGFR-alpha; PDGFR-2

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.