

Rabbit PDGFR alpha Polyclonal Antibody | anti-PDGFRα antibody

Anti-PDGFR alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17825	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Dog, Monkey, Pig	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

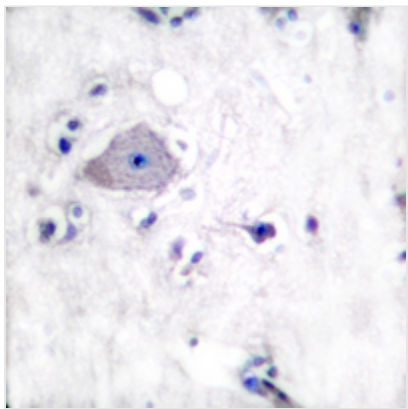
PRODUCT SYNONYMS

PDGFR alpha; Polyclonal Antibody; Anti-PDGFR alpha Antibody; PDGFR2; RHEPDGFRα; Platelet-derived growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; Platelet-derived growth factor alpha receptor; Platelet-derived growth factor receptor 2; PDGFR-2; CD140a; anti-PDGFRα antibody

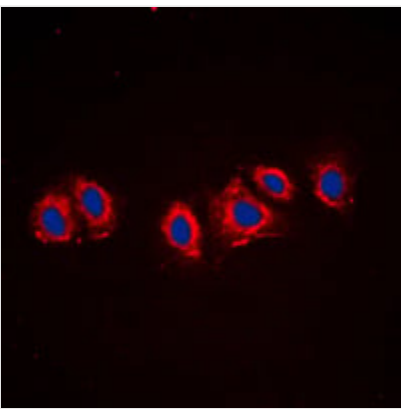
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Dog, Monkey, Pig
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PDGFR alpha protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	1089
Applicable Applications for anti-PDGFRα antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500 - 1:1000 IHC: 1:50 - 1/100 IF/ICC: 1:50 - 1:200
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PDGFR alpha. The exact sequence is proprietary.
Preparation and Storage	Upon receipt aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

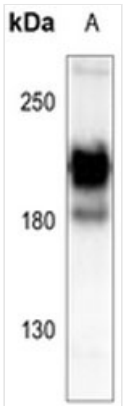
IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of PDGFR alpha staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IF (Immunofluorescence)
Immunofluorescent analysis of PDGFR alpha staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4°C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)
Western blot analysis of PDGFR alpha expression in C6 (A) whole cell lysates.(Predicted band size:122 kD; Observed band size: 190 kD

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFRα antibody	Rabbit polyclonal antibody to PDGFR alpha
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453870
NCBI GeneID	5156 (Human); 18595 (Mouse); 25267 (Rat)
NCBI Accession #	NP_006197.1
NCBI GenBank Nucleotide #	NM_006206.4
UniProt Accession #	P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0
NCBI Official Full Name	platelet-derived growth factor receptor alpha
NCBI Official Synonym Full Names	platelet-derived growth factor receptor, alpha polypeptide
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2; RHEPDGFRA

NCBI Protein Information	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
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
UniProt Entry Name	PGFRA_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/pdgfr-alpha-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/17825>