

Rabbit anti-Human PDGFA Polyclonal Antibody | anti-PDGFA antibody

PDGFA Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287595	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

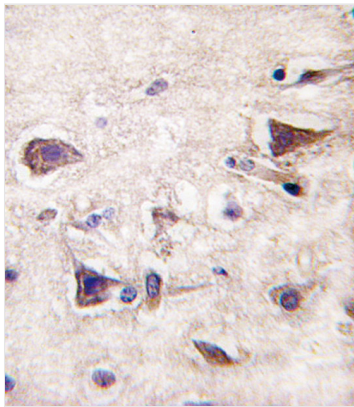
PRODUCT SYNONYMS

PDGFA; Polyclonal Antibody; PDGFA Antibody (N-term); Platelet-derived growth factor subunit A; PDGF subunit A; PDGF-1; Platelet-derived growth factor A chain; Platelet-derived growth factor alpha polypeptide; PDGF1; anti-PDGFA antibody

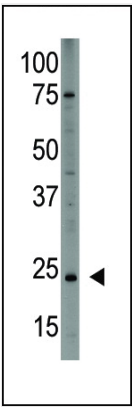
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDGFA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-89 amino acids from the N-terminal region of human PDGFA.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.05 (varies by lot)
Sequence Positions	60-89
Sequence Length	196
Applicable Applications for anti-PDGFA antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with PDGFA antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
The anti-PDGFA (N-term) is used in Western blot to detect PDGFA in HL60 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFA antibody	PDGFA is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer or as a heterodimer with the platelet-derived growth factor beta polypeptide, where the dimers are connected by disulfide bonds. Studies using knockout mice have shown cellular defects in oligodendrocytes, alveolar smooth muscle cells, and Leydig cells in the testis; knockout mice die either as embryos or shortly after birth.
Product Categories/Family for anti-PDGFA antibody	Cancer; Cardiovascular; Cell Biology; Developmental Biology; Immunology; Signal Transduction
References	Monje, P., et al., Mol. Cell. Biol. 23(19):7030-7043 (2003). Gianni, D., et al., J. Biol. Chem. 278(11):9290-9297 (2003). Muller, C., et al., J. Biol. Chem. 278(20):18330-18335 (2003). Chui, C.M., et al., Cytokine 21(2):51-64 (2003). Laprise, M.H., et al., Blood 100(10):3578-3587 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	77695917
NCBI GeneID	5154
NCBI Accession #	NP_002598.4; NP_148983.1
NCBI GenBank Nucleotide #	NM_002607.5
UniProt Accession #	P04085; B5BU73
Molecular Weight	24043
NCBI Official Full Name	platelet-derived growth factor subunit A isoform 1 preproprotein
NCBI Official Synonym Full Names	platelet-derived growth factor alpha polypeptide
NCBI Official Symbol	PDGFA
NCBI Official Synonym Symbols	PDGF1; PDGF-A
NCBI Protein Information	platelet-derived growth factor subunit A
UniProt Protein Name	Platelet-derived growth factor subunit A
UniProt Gene Name	PDGFA

UniProt Synonym Gene Names	PDGF1; PDGF subunit A
UniProt Entry Name	PDGFA_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://www.aaabiotech.com/polyclonal/pdgfa-antibody-immunohistochemistry-western-blot-elisa/287595>