

Rabbit anti-Mouse PDGFD Polyclonal Antibody | anti-PDGFD antibody

PDGFD Antibody

CATALOG # AAA284895	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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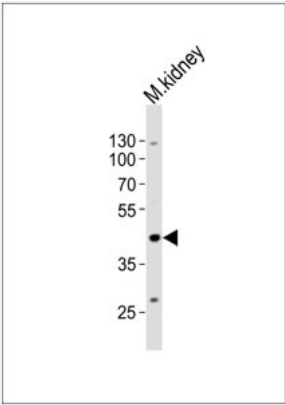
PRODUCT SYNONYMS

PDGFD; Polyclonal Antibody; PDGFD Antibody; Platelet-derived growth factor D; PDGF-D; Iris-expressed growth factor; Spinal cord-derived growth factor B; SCDGF-B; latent form; PDGFD latent form; receptor-binding form; PDGFD receptor-binding form; IEGF; SCDGFB; anti-PDGFD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PDGFD antibody is generated from a rabbit immunized with a recombinant protein of human PDGFD.
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 purified through a protein A column, followed by peptide affinity purification.
Sequence Length	364
Applicable Applications for anti-PDGFD antibody	ELISA, WB (Western Blot)
Calculated MW	42848
Function	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix (By similarity).
Cellular location	Secreted. Note=Released by platelets upon wounding
Tissue location	Tissue Location Expressed at high levels in the heart, pancreas, adrenal gland and ovary and at low levels in placenta, liver, kidney, prostate, testis, small intestine, spleen and colon. In the kidney, expressed by the visceralepithelial cells of the glomeruli. A widespread expression is also seen in the medial smooth muscle cells of arteries and arterioles, as well as in smooth muscle cells of vasa rectae in the medullary area. Expressed in the adventitial connective tissue surrounding the suprarenal artery. In chronic obstructive nephropathy, a persistent expression is seen in glomerular visceral epithelial cells and vascular smooth muscle cells, as well as de novo expression by periglomerular interstitial cells and by some neointimal cells of atherosclerotic vessels. Expression in normal prostate is seen preferentially in the mesenchyme of the gland while expression is increased and more profuse in prostate carcinoma. Expressed in many ovarian, lung, renal and brain cancer-derived cell lines.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of lysate from mouse kidney tissue lysate, using PDGFD Antibody. AAA284895 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-PDGFD antibody	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of extracellular matrix (By similarity).
Product Categories/Family for anti-PDGFD antibody	Cancer; Cardiovascular; Neuroscience; Signal transduction
References	Hamada T.,et al.Biochem. Biophys. Res. Commun. 280:733-737(2001). Bergsten E.,et al.Nat. Cell Biol. 3:512-516(2001). LaRochelle W.J.,et al.Nat. Cell Biol. 3:517-521(2001). Wistow G.,et al.Mol. Vis. 8:185-195(2002). Liu B.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376808
NCBI GeneID	80310
NCBI Accession #	NP_079484.1
NCBI GenBank Nucleotide #	NM_025208.4
UniProt Accession #	Q9GZP0; Q9BWV5; A8K9T6
NCBI Official Full Name	platelet-derived growth factor D isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor D
NCBI Official Symbol	PDGFD
NCBI Official Synonym Symbols	IEGF; SCDGFB; MSTP036; SCDGF-B
NCBI Protein Information	platelet-derived growth factor D
UniProt Protein Name	Platelet-derived growth factor D
UniProt Gene Name	PDGFD
UniProt Synonym Gene Names	IEGF; SCDGFB; PDGF-D; SCDGF-B; PDGFD latent form; PDGFD receptor-binding form

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/pdgfd-antibody-western-blot-elisa/284895>