

Rabbit anti-Human, Mouse VEGF Polyclonal Antibody | anti-VEGF antibody

VEGF Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282209	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

VEGF; Polyclonal Antibody; VEGF Rabbit pAb; VEGFA; MVCD1; VPF; vascular endothelial growth factor A; anti-VEGF antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	MDGIVPDIIV GTRKGSDELF STCVTNGPFI MSSNSASAAN GNDSKKFKGD SRSAGVPSRV IHIRKLPIDV TEGEVISLGL PFGKVTNLLM LKGKNQAFIE
Applicable Applications for anti-VEGF antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	A-549, HeLa, Mouse lung
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 70-150 of human VEGF (NP_001165097.1).
Cellular Location	Secreted
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 using VEGF antibody at dilution of 1:200 (40x lens).
Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using VEGF antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-VEGF antibody	This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atherosclerosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is antiangiogenic. Expression of some isoforms derived from the AUG start codon is regulated by a small upstream open reading frame, which is located within an internal ribosome entry site.
Product Categories/Family for anti-VEGF antibody	Cancer; Invasion and Metastasis; Signal Transduction; Cell Biology & Developmental Biology; Apoptosis; Growth factor; VEGF; Endocrine & Metabolism; Immunology & Inflammation; Cytokines; Cardiovascular; Angiogenesis; Angiogenic growth factors; Hypoxia; Pol

NCBI AND UNIPROT INFORMATION

NCBI GI #	131528
NCBI GeneID	5725
UniProt Accession #	P26599; Q9BUQ0
Molecular Weight	531
NCBI Official Full Name	Polypyrimidine tract-binding protein 1
NCBI Official Synonym Full Names	polypyrimidine tract binding protein 1
NCBI Official Symbol	PTBP1
NCBI Official Synonym Symbols	PTB; PTB2; PTB3; PTB4; pPTB; HNRPI; PTB-1; PTB-T; HNRNP1; HNRNP-I
NCBI Protein Information	polypyrimidine tract-binding protein 1; hnRNP I; RNA-binding protein; 57 kDa RNA-binding protein PPTB-1; heterogeneous nuclear ribonucleoprotein I; heterogeneous nuclear ribonucleoprotein polypeptide I; polypyrimidine tract binding protein (heterogeneous
UniProt Protein Name	Polypyrimidine tract-binding protein 1
UniProt Gene Name	PTBP1
UniProt Synonym Gene Names	PTB; PTB; hnRNP I
UniProt Entry Name	PTBP1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/vegfr-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282209>