

Rabbit anti-Human, Rat VEGF Polyclonal Antibody | anti-VEGFA antibody

Anti-VEGF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45665	Rabbit	Human, Rat	Immunohistochemistry, Western Blot

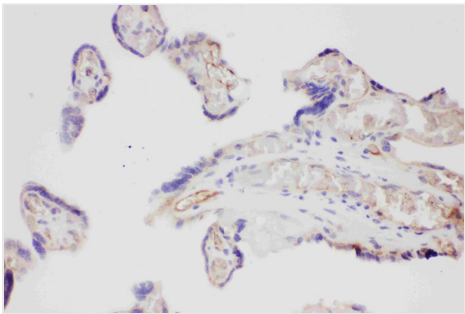
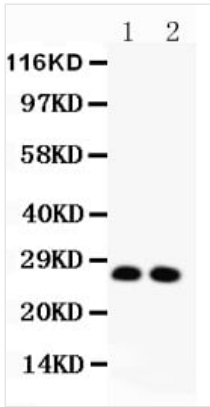
PRODUCT SYNONYMS

VEGF; Polyclonal Antibody; Anti-VEGF Antibody; Vascular endothelial growth factor A; vascular endothelial growth factor A; MGC70609 antibody; MVCD1 antibody; Vascular endothelial growth factor A antibody; Vascular Endothelial Growth Factor antibody; Vascular Permeability Factor antibody; VEGF-A antibody; VEGFA antibody; VEGFA_HUMAN antibody; VPF antibody; anti-VEGFA antibody

PRODUCT SPECIFICATIONS

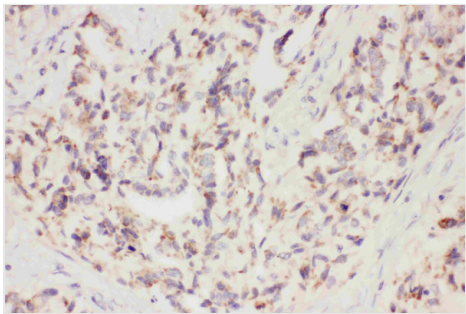
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	232
Applicable Applications for anti-VEGFA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human VEGF recombinant protein (Position: A27-R191). Human VEGF shares 78% amino acid (aa) sequence identity with both mouse and rat VEGF.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-VEGF Picoband antibody, AAA45665-2.JPGIHC(P): Human Placenta Tissue

Application Data
Anti-VEGF Picoband antibody, AAA45665-3.jpgAll lanes: Anti-VEGF(AAA45665) at 0.5ug/mlLane 1: Rat Thymus Tissue Lysate at 40ugLane 2: Rat Brain Tissue Lysate at 40ugPredicted bind size: 27KDObserved bind size: 27KD



IHC (Immunohistochemistry)
Anti-VEGF Picoband antibody, AAA45665-1.JPGIHC(P): Human Lung Cancer Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-VEGFA antibody	Description: Rabbit IgG polyclonal antibody for Vascular endothelial growth factor A(VEGFA) detection. Tested with WB, IHC-P in Human, Rat.
	Background: VEGF, a homodimeric glycoprotein of relative molecular mass 45,000, is the only mitogen that specifically acts on endothelial cells. It may be a major regulator of tumor angiogenesis in vivo. It is, however, structurally related to platelet-derived growth factor. VEGF shares homology with the PDGF A chain and B chain, including conservation of all 8 cysteines found in PDGFA and PDGFB. VEGF gene contains 8 exons. VEGF induces remodeling and enhances TH2-mediated sensitization and inflammation in the lung. And this gene also can regulate haematopoietic stem cell survival by an internal autocrine loop mechanism. What's more, it also stimulates neurogenesis in vitro and in vivo.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17380528
NCBI GeneID	7422
UniProt Accession #	P15692; O60720; O75875; Q074Z4; Q16889; B5BU86; H0Y2S8; H0Y407; H0Y414; H0Y462; H0Y8N2; H3BLW7
Molecular Weight	34,406 Da
NCBI Official Full Name	Vascular endothelial growth factor A
NCBI Official Synonym Full Names	vascular endothelial growth factor A
NCBI Official Symbol	VEGFA
NCBI Official Synonym Symbols	VPF; VEGF; MVCD1

NCBI Protein Information	vascular endothelial growth factor A; vascular permeability factor
UniProt Protein Name	Vascular endothelial growth factor A
UniProt Gene Name	VEGFA
UniProt Synonym Gene Names	VEGF; VEGF-A; VPF
UniProt Entry Name	VEGFA_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/vegf-antibody-immunohistochemistry-western-blot-elisa/45665>