

Rabbit VEGFB Polyclonal Antibody | anti-VEGFB antibody

VEGFB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321908	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

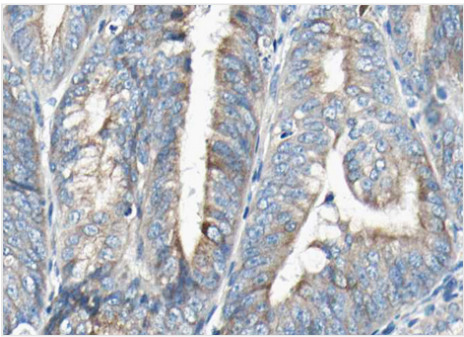
PRODUCT SYNONYMS

VEGFB; Polyclonal Antibody; VEGFB Antibody; Vascular endothelial growth factor B; Vascular endothelial growth factor-related factor; VEGF B; VEGF related factor; VEGF-B; VEGF-related factor; Vegfb; VEGFB_HUMAN; VEGFL; VRF; anti-VEGFB antibody

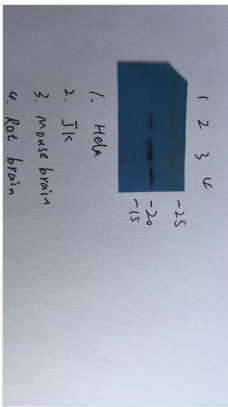
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	VEGFB antibody detects endogenous levels of total VEGFB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	188
Applicable Applications for anti-VEGFB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VEGFB
Subcellular Location	Secreted. Secreted but remains associated to cells or to the extracellular matrix unless released by heparin.
Tissue Specificity	Expressed in all tissues except liver. Highest levels found in heart, skeletal muscle and pancreas.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

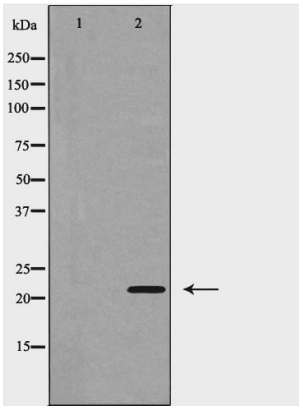
IMAGES



IHC (Immunohistochemisry)
AAA321908 at 1/100 staining human Endometrial cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of VEGFB Antibody expression in mouse brain, rat brain, jk and hela lysates.



WB (Western Blot)
Western blot analysis of VEGFB expression in Jurkat cells, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-VEGFB antibody	Description: Growth factor for endothelial cells. VEGF-B167 binds heparin and neuropilin-1 whereas the binding to neuropilin-1 of VEGF-B186 is regulated by proteolysis. Subunit Structure: Homodimer; disulfide-linked. Can also form heterodimer with VEGF. Post-translational Modifications: VEGF-B186 is O-glycosylated. Similarity: Belongs to the PDGF/VEGF growth factor family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	344179103
NCBI GeneID	7423
NCBI Accession #	NP_001230662.1
NCBI GenBank Nucleotide #	NM_001243733.1
UniProt Accession #	P49765; Q16528
Molecular Weight	Observed: 22 kDa Predicted: 22 kDa
NCBI Official Full Name	vascular endothelial growth factor B isoform VEGFB-167
NCBI Official Synonym Full Names	vascular endothelial growth factor B

NCBI Official Symbol	VEGFB
NCBI Official Synonym Symbols	VRF; VEGFL
NCBI Protein Information	vascular endothelial growth factor B
UniProt Protein Name	Vascular endothelial growth factor B
UniProt Gene Name	VEGFB
UniProt Synonym Gene Names	VRF; VEGF-B; VRF

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/vegfb-antibody-immunohistochemistry-western-blot-elisa/321908>