

Rabbit anti-Human, Mouse VEGFR3 Polyclonal Antibody | anti-VEGFR3 antibody

VEGFR3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329399	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

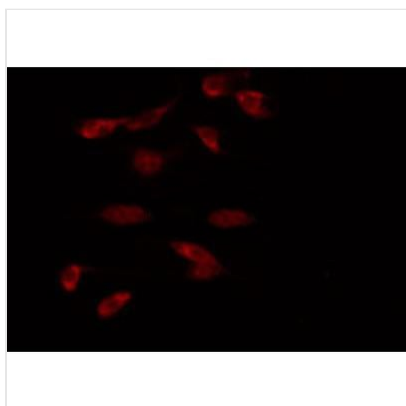
PRODUCT SYNONYMS

VEGFR3; Polyclonal Antibody; VEGFR3 Antibody; EC 2.7.10.1; flt 4; FLT-4; FLT4; FLT41; Fms related tyrosine kinase 4; Fms-like tyrosine kinase 4; LMPH1A; PCL; Soluble VEGFR3 variant 1; Soluble VEGFR3 variant 2; Soluble VEGFR3 variant 3; Tyrosine protein kinase receptor FLT4; Tyrosine-protein kinase receptor FLT4; Vascular endothelial growth factor receptor 3; Vascular endothelial growth factor receptor 3 precursor; VEGF R3; VEGFR 3; VEGFR-3; VGFR3_HUMAN; anti-VEGFR3 antibody

PRODUCT SPECIFICATIONS

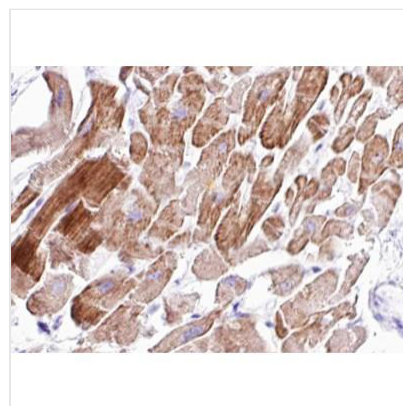
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	VEGFR3 Antibody detects endogenous levels of total VEGFR3.
Purity/Purification	Peptide affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH7.4, 150mM NaCl and glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-VEGFR3 antibody	ELISA (Peptide ELISA), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human VEGFR3, corresponding to a region within C-terminal amino acids.
Preparation and Storage	Store at -20°C. Avoid freeze-thaw cycles.

IMAGES



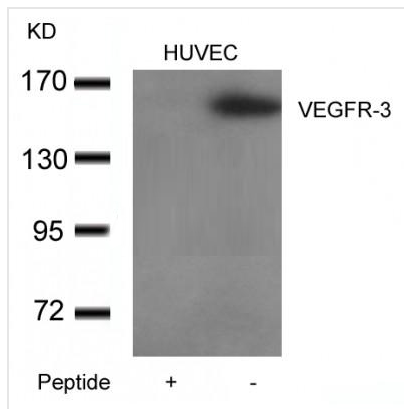
Application Data

At 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

Staining human Heart muscle 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 antibody.



WB (Western Blot)

Western blot analysis of extracts from HUVEC cells using VEGFR-3 Antibody (right) and the same antibody preincubated with blocking peptide

ADDITIONAL INFORMATION

Related Product Information for anti-VEGFR3 antibody

Tyrosine-protein kinase that acts as a cell-surface receptor for VEGFC and VEGFD, and plays an essential role in adult lymphangiogenesis and in the development of the vascular network and the cardiovascular system during embryonic development. Promotes proliferation, survival and migration of endothelial cells, and regulates angiogenic sprouting. Signaling by activated FLT4 leads to enhanced production of VEGFC.

NCBI AND UNIPROT INFORMATION

NCBI GI #	104294888
NCBI GeneID	2324
NCBI Accession #	NP_891555.2
NCBI GenBank Nucleotide #	NM_182925.4
UniProt Accession #	P35916 ; Q16067 ; Q86W07 ; Q86W08 ; A8K6L4 ; B5A926 ; AAB23636
Molecular Weight	160kd
NCBI Official Full Name	vascular endothelial growth factor receptor 3 isoform 1
NCBI Official Synonym Full Names	fms-related tyrosine kinase 4
NCBI Official Symbol	FLT4
NCBI Official Synonym Symbols	PCL; FLT41; LMPH1A; VEGFR3
NCBI Protein Information	vascular endothelial growth factor receptor 3; FLT-4; VEGFR-3; soluble VEGFR3 variant 1; soluble VEGFR3 variant 2; soluble VEGFR3 variant 3; fms-like tyrosine kinase 4; tyrosine-protein kinase receptor FLT4
UniProt Protein Name	Vascular endothelial growth factor receptor 3
UniProt Gene Name	FLT4
UniProt Synonym Gene Names	VEGFR3; VEGFR-3; FLT-4
UniProt Entry Name	VGFR3_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/vegfr3-antibody-peptide-elisa-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/329399>