

VEGFR2 Antibody | anti-VEGFR2 antibody

Phospho-VEGFR2 (Tyr1059) Antibody

CATALOG # AAA267879	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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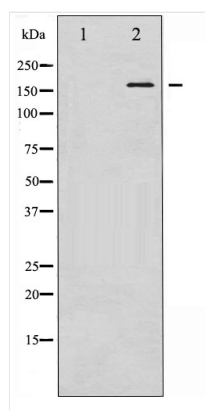
PRODUCT SYNONYMS

VEGFR2; Phospho-VEGFR2 (Tyr1059) Antibody; EC 2.7.10.1; FLK1; KDR; VGFR2; VGR2; kinase insert domain receptor; protein-tyrosine kinase receptor Flk-1; vascular endothelial growth factor receptor 2; anti-VEGFR2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Phospho-VEGFR2 (Tyr1059) Antibody detects endogenous levels of VEGFR2 only when phosphorylated at Tyrosine 1059
Purity/Purification	Immunogen affinity purified
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20°C. Stable for 12 months from date of receipt.
Sequence Length	1356
Applicable Applications for anti-VEGFR2 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human VEGFR2 around the phosphorylation site of Tyrosine 1059
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



WB (Western Blot)

Western blot analysis of VEGFR2 phosphorylation expression in Na₃VO₄ treated HepG2 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-VEGFR2 antibody	VEGFR-2 is a receptor tyrosine kinase of the VEGFR family. High affinity receptor for VEGF and VEGF-C. Ligand binding induces autophosphorylation and activation. Activated receptor recruits proteins including Shc, GRB2, PI3K, Nck, SHP-1 and SHP-2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11321597
NCBI GeneID	3791
NCBI Accession #	NP_002244.1
NCBI GenBank Nucleotide #	NM_002253.3
UniProt Accession #	P35968; O60723; Q14178; A2RRS0; B5A925; C5IFA0
Molecular Weight	170kDa
NCBI Official Full Name	vascular endothelial growth factor receptor 2
NCBI Official Synonym Full Names	kinase insert domain receptor
NCBI Official Symbol	KDR
NCBI Official Synonym Symbols	FLK1; CD309; VEGFR; VEGFR2
NCBI Protein Information	vascular endothelial growth factor receptor 2
UniProt Protein Name	Vascular endothelial growth factor receptor 2
UniProt Gene Name	KDR
UniProt Synonym Gene Names	FLK1; VEGFR2; VEGFR-2; FLK-1; KDR

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/human-mouse-rat-antibody/vegfr2/267879>