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KDR

Reactivity: Rat

Tested applications:WB

Recommended Dilution:WB 1:500 - 1:2000

Calculated MW:152kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human KDR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

a

Synonym:

FLK1; VEGFR2; CD309; Fetal liver kinase 1;

Catalog #:A7695

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:3791

Isotype: IgG

Swiss Prot:P35968

Purity: Affinity purification

For research use only.

Background:

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

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