FLK1 Polyclonal Antibody

Catalog No. E-AB-70080

Note: Centrifuge before opening to ensure complete recovery of vial contents.

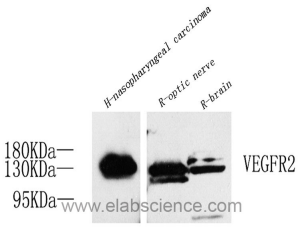
Description

Reactivity	Human,Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse VEGFR2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

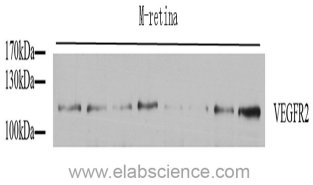
Applications — Recommended Dilution

WB	1:500-1:1000

Data



Western Blot analysis of various samples using FLK1 Polyclonal Antibody at dilution of 1:800.
Observed Mw:120kDa
Calculated Mw:120kDa



Western Blot analysis of various samples using FLK1 Polyclonal Antibody at dilution of 1:800.

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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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