

## VEGF Receptor 2(Phospho-Tyr1059) Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP13436
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human VEGF Receptor 2 (Tyr1059)
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	VEGF Receptor 2
Synonyms	VEGF Receptor 2 ;Tyr1059 ; Vascular endothelial growth factor receptor 2; VEGFR-2; EC 2.7.10.1; Fetal liver kinase 1; FLK-1; Kinase insert domain receptor; KDR; Protein-tyrosine kinase receptor flk-1; CD antigen CD309

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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