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VEGF Receptor 2 Rabbit pAb

货号: **AYP11595**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	IHC: Rattus norvegicus , Mus musculus WB: Homo sapiens , Mus musculus , Gallus gallus
应用	WB IHC
推荐浓度	WB: 1:100 - 1:500 IHC: 1:50 - 1:200
理论分子量	75kDa/79kDa/151kDa
实测分子量	210KDa/230KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-549,Mouse heart,Rat lung
细胞定位	Cell junction,Cell membrane,Cytoplasm,Cytoplasmic vesicle,Early endosome,Endoplasmic reticulum,Nucl eus,Secreted,Single-pass type I membrane protein
纯化	Affinity purification

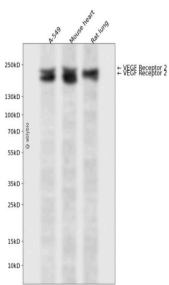
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1147-1356 of human VEGF Receptor 2 (NP_002244.1).
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靶点信息

研究背景	Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encode s one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type II I 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 hema ngiomas.
基因ID	3791
基因名	KDR
Swiss	P35968 (https://www.uniprot.org/uniprotkb/P35968/entry)
别名	CD309,FLK1,VEGFR,VEGFR2,VEGF Receptor 2,KDR,VEGF Receptor 2 Rabbit pAb,Fetal liver kinase 1,Kinase insert domain receptor,Protein-tyrosine kinase receptor flk-1

产品验证



Western blot analysis of VEGF Receptor 2 expressed in A-549, Mouse heart, Rat lung using VEGF Receptor 2 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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