— ABLYBIO, Help Your Research

Phospho-VEGF Receptor 2-Y1175 Rabbit pAb

货号: AYP11233

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens , Gallus gallus **IF:** Homo sapiens , Gallus gallus **WB，IF:** Gallus gallus
应用	WB
推荐浓度	**WB:** 1:100 - 1:500
理论分子量	75kDa/79kDa/151kDa
实测分子量	230KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-431
细胞定位	Cell junction,Cell membrane,Cytoplasm,Cytoplasmic vesicle,Early endosome,Endoplasmic reticulum,Nucleus,Secreted,Single-pass type I membrane protein
纯化	Affinity purification

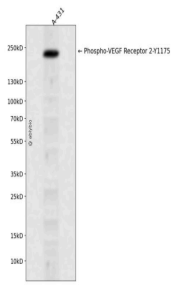
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y1175 of human VEGF Receptor 2 (NP_002244.1).

靶点信息

研究背景	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.
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,Phospho-VEGF Receptor 2-Y1175 Rabbit pAb,Fetal liver kinase 1,Kinase insert domain receptor,Protein-tyrosine kinase receptor flk-1

产品验证



Western blot analysis of Phospho-VEGF Receptor 2-Y1175 expressed in A-431 using Phospho-VEGF Receptor 2-Y1175 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

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)