— ABLYBIO, Help Your Research

VEGFA Rabbit pAb

货号: AYP11247

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IF:** Mus musculus,Homo sapiens **WB:** Mus musculus , Homo sapiens , Oryctolagus cuniculus , Rattus norvegicus **IHC:** Homo sapiens , Rattus norvegicus
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	15-27kDa/34-45kDa
实测分子量	15KDa
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	293T,HeLa,Mouse lung
细胞定位	Secreted
纯化	Affinity purification

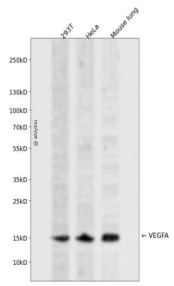
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 100-191 of human VEGFA (NP_001165097.1).

靶点信息

研究背景	This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, whic h exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascula r endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many k nown tumors and its expression is correlated with tumor stage and progression. Elevated levels of this pr otein are found in patients with POEMS syndrome, also known as Crow-Fukase syndrome. Allelic variants of this gene have been associated with microvascular complications of diabetes 1 (MVCD1) and atheroscl erosis. Alternatively spliced transcript variants encoding different isoforms have been described. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in addit ional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alter native in-frame translation termination codon via a stop codon readthrough mechanism, and that this isof orm is antiangiogenic. Expression of some isoforms derived from the AUG start codon is regulated by a s mall upstream open reading frame, which is located within an internal ribosome entry site.
基因ID	7422
基因名	VEGFA
Swiss	P15692 (https://www.uniprot.org/uniprotkb/P15692/entry)
别名	VEGFA,MVCD1,VEGF,VPF,L VEGFA,VEGF A,VEGFA Rabbit pAb,Vascular permeability factor

产品验证



Western blot analysis of VEGFA expressed in 293T,HeLa,Mouse lung using VEGFA Rabbit pAb at 1:1000. S econdary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking b uffer: 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)