VEGFA Rabbit pAb

货号: B10993

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**IHC:** Mouse bone tissue , Homo sapiens , Mus musculus , Rattus norvegicus **WB:** Mus musculus , Homo sapiens , Gallus gallus , Neovison vison , Sus scrofa , Rattus norvegicus , Oryctolagus cuniculus **IF:** Homo sapiens , Rattus norvegicus , Gallus gallus **qRT-PCR:** Mus musculus **ELISA:** Mus musculus , Homo sapiens **WB，IF:** Gallus gallus
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:1000 **IF/ICC:** 1:50 - 1:200
理论分子量	15-27kDa/34-45kDa
实测分子量	23KDa,27KDa,45KDa
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	K-562,U-87MG,HeLa,Mouse brain,Rat brain
细胞定位	Secreted
纯化	Affinity purification

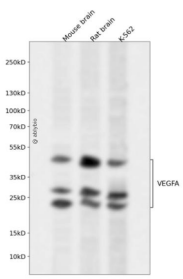
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 27-126AA of human VEGFA (NP_001165099.1).
序列	APMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYPDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTEESNITMQIMRIKPHQGQHIGEMSFLQHN

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, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular 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 known tumors and its expression is correlated with tumor stage and progression. Elevated levels of this protein 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 atherosclerosis. 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 additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is antiangiogenic. Expression of some isoforms derived from the AUG start codon is regulated by a small upstream open reading frame, which is located within an internal ribosome entry site.
基因**ID**	7422
基因名	VEGFA
Swiss	P15692
别名	VEGFA;MVCD1;VEGF;VPF;L VEGFA;VEGF A

产品验证



Western blot analysis of VEGFA expressed in Mouse brain,Rat brain,K-562 using VEGFA 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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