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HIF-1alpha Rabbit mAb

货号: AYM31155

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	82kDa/92kDa/95kDa
实测分子量	120kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	axon cytoplasm,cytoplasm,cytosol,nuclear body,nuclear speck,nucleoplasm,nucleus
纯化	Affinity purification

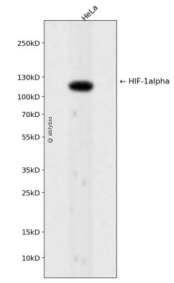
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human HIF-1alpha.

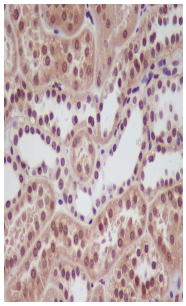
靶点信息

研究背景	This gene encodes the alpha subunit of transcription factor hypoxia-inducible factor-1 (HIF-1), which is a heterodimer composed of an alpha and a beta subunit. HIF-1 functions as a master regulator of cellular a nd systemic homeostatic response to hypoxia by activating transcription of many genes, including those i nvolved in energy metabolism, angiogenesis, apoptosis, and other genes whose protein products increas e oxygen delivery or facilitate metabolic adaptation to hypoxia. HIF-1 thus plays an essential role in embr yonic vascularization, tumor angiogenesis and pathophysiology of ischemic disease. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
基因ID	3091
基因名	HIF1A
Swiss	Q16665 (https://www.uniprot.org/uniprotkb/Q16665/entry)
别名	HIF-1alpha,HIF-1alpha Rabbit mAb,HIF1A,ARNT-interacting protein,Basic-helix-loop-helix-PAS protein MOP 1,Class E basic helix-loop-helix protein 78,Member of PAS protein 1,PAS domain-containing protein 8,BHL HE78,MOP1,PASD8

产品验证



Western blot analysis of HIF-1alpha expressed in HeLa using HIF-1alpha Rabbit mAb 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.



Immunohistochemical analysis of paraffin-embedded human kindey, using HIF-1 alpha Antibody.

实验步骤

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