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PHD1/prolyl hydroxylase Rabbit mAb

货号: **AYM28500**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC FC ICC/IF
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50
理论分子量	40kDa/43kDa
实测分子量	44kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,A-549,HepG2,U-87MG,MCF-7,Mouse brain,Rat heart
细胞定位	Nucleus
纯化	Affinity purification

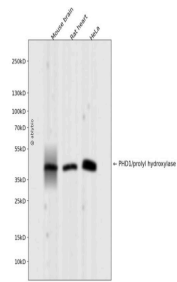
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PHD1/prolyl hydroxylase.
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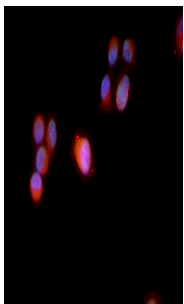
靶点信息

研究背景	The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.
基因ID	112398
基因名	EGLN2
Swiss	Q96KS0 (https://www.uniprot.org/uniprotkb/Q96KS0/entry)
别名	PHD1/prolyl hydroxylase,PHD1/prolyl hydroxylase Rabbit mAb,EGLN2,Egl nine homolog 2,Estrogen-induced tag 6,HPH-3,Hypoxia-inducible factor prolyl hydroxylase 1,Prolyl hydroxylase domain-containing protein 1,EIT6

产品验证



Western blot analysis of PHD1/prolyl hydroxylase expressed in Mouse brain,Rat heart,HeLa using PHD1/prolyl hydroxylase 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.



The samples were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab PHD1/prolyl hydroxylase and Rabbit act in for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat.The nuclear counter stain is DAPI.

实验步骤

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