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PHD2 / prolyl hydroxylase Rabbit mAb

货号: **AYM29010**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP
推荐浓度	WB: 1:500 - 1:2000 IP: 1:20 - 1:50
理论分子量	36kDa/43kDa/46kDa
实测分子量	46kDa
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	293T,A-549,Mouse heart
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

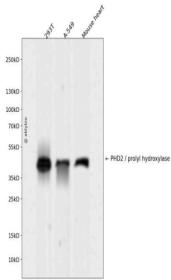
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PHD2 / prolyl hydroxylase.
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靶点信息

研究背景	The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. HIF is a transcriptional complex that plays a central role in mammalian oxygen homeostasis. This protein functions as a cellular oxygen sensor, and under normal oxygen concentration, modification by prolyl hydroxylation is a key regulatory event that targets HIF subunits for proteasomal destruction via the von Hippel-Lindau ubiquitylation complex. Mutations in this gene are associated with erythrocytosis familial type 3 (ECYT3).
基因ID	54583
基因名	EGLN1
Swiss	Q9GZT9 (https://www.uniprot.org/uniprotkb/Q9GZT9/entry)
别名	PHD2 / prolyl hydroxylase,PHD2 / prolyl hydroxylase Rabbit mAb,EGLN1,Hypoxia-inducible factor prolyl hydroxylase 2,Prolyl hydroxylase domain-containing protein 2,SM-20,C1orf12

产品验证



Western blot analysis of PHD2 / prolyl hydroxylase expressed in 293T,A-549,Mouse heart using PHD2 / 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.

实验步骤

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