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EGLN1/EGLN2 Rabbit pAb

货号: **AYP10912**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	36kDa/43kDa/46kDa/40kDa
实测分子量	44kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HL-60,293T
细胞定位	cytoplasm,cytosol,glutamatergic synapse,nucleus,postsynaptic density
纯化	Affinity purification

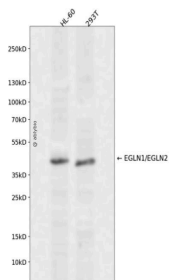
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human EGLN1/EGLN2 (N P_071334.1/NP_444274.1).
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靶点信息

研究背景	The proteins encoded by EGLN1/EGLN2 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.
基因ID	54583,112398
基因名	EGLN1,EGLN2
Swiss	Q9GZT9 (https://www.uniprot.org/uniprotkb/Q9GZT9/entry), Q96KS0 (https://www.uniprot.org/uniprotkb/Q96KS0/entry)
别名	EGLN1/EGLN2,EGLN1/EGLN2 Rabbit pAb,EGLN1,EGLN2,Hypoxia-inducible factor prolyl hydroxylase 2,Prolyl hydroxylase domain-containing protein 2,SM-20,Egln nine homolog 2,Estrogen-induced tag 6,HPH-3,Hypoxia-inducible factor prolyl hydroxylase 1

产品验证



Western blot analysis of EGLN1/EGLN2 expressed in HL-60,293T using EGLN1/EGLN2 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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