

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

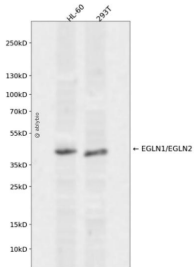
抗原信息	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human EGLN1/EGLN2 (NP_071334.1/NP_444274.1).
序列	DIRGDKITWIEGKEPGCETIGLLMSSMDDLIRHCNGKLGSKYKINGRTKAMVACYPGNGTGYVRHVDNPNPNDGRCVTCIYYLNKDWDAAKVSGLRIFPEGK

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,Q96KS0
别名	EGLN1/EGLN2

产品验证



Western blot analysis of EGLN1/EGLN2 expressed in HL-60,293T using EGLN1/EGLN2 Rabbit pAb at 1:1 000. 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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