

产品名称: PHD2/prolylhydroxylase Rabbit Monoclonal Antibody
产品货号: AMRe83982



产品概述 (Summary)

产品名称 (Production Name)	PHD2/prolylhydroxylase Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PHD2/prolylhydroxylase
别名 (Alternative Names)	EGLN1; C1orf12; ECT3; HIFPH2; HPH2; PHD2; SM-20; SM20; ZMYND6; PHD2
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q9GZT9.A synthesized peptide derived from human PHD2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	46 kDa

研究背景 (Background)

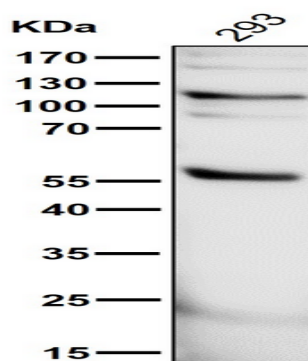
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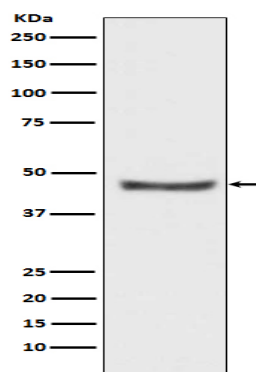
Cellular oxygen sensor that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates a specific proline found in each of the oxygen-dependent degradation (ODD) domains (N-terminal, NODD, and C-terminal, CODD) of HIF1A. Also hydroxylates HIF2A. Has a preference for the CODD site for both HIF1A and HIF1B. Hydroxylated HIFs are then targeted for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.

研究领域 (Research Area)

图片 (Image Data)



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of PHD2 / prolyl hydroxylase expression in SH-SY5Y cell lysate.

注意事项 (Note)

For research use only .