

产品名称: PHD1 Rabbit Monoclonal Antibody
产品货号: AMRe03270



产品概述 (Summary)

产品名称 (Production Name)	PHD1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB
种属反应性 (Reactivity)	Human,Rat

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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EGLN2
别名 (Alternative Names)	Estrogen-induced tag 6; HPH-3; PHD1
基因 ID (Gene ID)	112398
蛋白 ID (SwissProt ID)	Q96KS0.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 44 kDa; Observed MW: 44 kDa

研究背景 (Background)

Cellular oxygen sensor that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in

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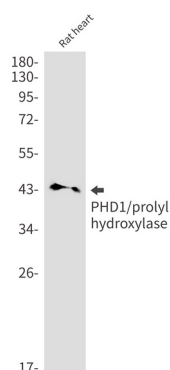


hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates a specific proline found in each of the oxygen-dependent degradation (ODD) domains (N-terminal, NODD, and C-terminal, CODD) of HIF1A. Also hydroxylates HIF2A. Has a preference for the CODD site for both HIF1A and HIF2A. Hydroxylated HIFs are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

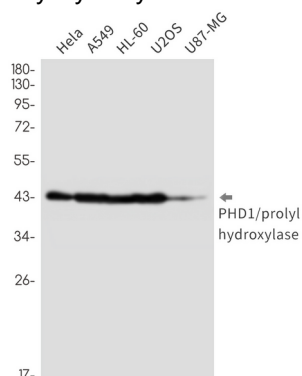
研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot analysis of PHD1/prolyl hydroxylase in rat heart lysates using PHD1 antibody.



Western blot analysis of PHD1/prolyl hydroxylase in HeLa, A549, HL-60, U2OS, U87-MG lysates using PHD1/prolyl hydroxylase antibody.

注意事项 (Note)

For research use only .