

产品名称: HIF Prolyl Hydroxylases (11V1) Rabbit Monoclonal Antibody
产品货号: AMRe12016



产品概述 (Summary)

产品名称 (Production Name)	HIF Prolyl Hydroxylases (11V1) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,FC,IP,IF-P
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	P4HTM
别名 (Alternative Names)	EGLN4 ; HIFPH4; Hypoxia inducible factor prolyl 4 hydroxylase; P4H with transmembrane domain; P4htm; PH4; PHD4; Proline 4 hydroxylase; Prolyl hydroxylase domain containing 4;
基因 ID (Gene ID)	54681.0
蛋白 ID (SwissProt ID)	Q9NXG6.A synthetic peptide of human HIF Prolyl Hydroxylases

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:200,FC 1:200-1:500,IP 1:20-1:50,IF-P 1:100-1:200
蛋白分子量 (Molecular Weight)	57kDa

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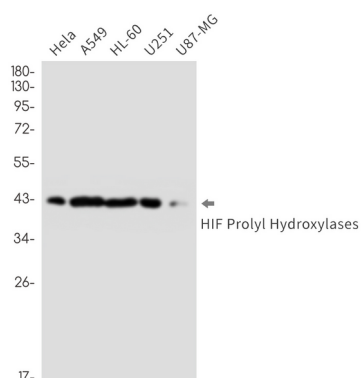
研究背景 (Background)

Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF1A at 'Pro-402' and 'Pro-564'. May function as a cellular oxygen sensor and, under normoxic conditions, may target HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex. Catalyzes the post-translational formation of 4- hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF1A at 'Pro-402' and 'Pro-564'. May function as a cellular oxygen sensor and, under normoxic conditions, may target HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.

研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot detection of HIF Prolyl Hydroxylases in HeLa,A549,HL-60,U251,U87-MG cell lysates using HIF Prolyl Hydroxylases antibody(1:1000 diluted).

注意事项 (Note)

For research use only .