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PHD3 Rabbit mAb

货号: B29145

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	27kDa
实测分子量	27kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	PC-12,A-549,Mouse brain,Rat stomach
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

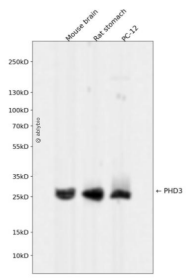
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PHD3.
序列	MPLGHIMRLDLEKIALEYIVPCLHEVGFCYLDNFLGEVVGDCVLERVKQLHCTGALRDGQLAGPRAGVSKRHLRGDQITWI GGNEEGCEAISFLLSLIDRLVLYCGSRLGKYYVKERSKAMVACYPGNGTGYVRHVDNPNGDGRCITCIYYLNKNWDAKLH GGILRIFPEGKSFIADVEPIFDRLLFFWSDRRNPHEVQPSYATRYAMTVWYFDAEERAEAKKKFRNLTRKTESALTED

靶点信息

研究背景	Prolyl hydroxylase that mediates hydroxylation of proline residues in target proteins, such as PKM, TELO2 , ATF4 and HIF1A. Target proteins are preferentially recognized via a LXXLAP motif. Cellular oxygen senso r that catalyzes, under normoxic conditions, the post-translational formation of 4-hydroxyproline in hypox ia-inducible factor (HIF alpha proteins. Hydroxylates a specific proline found in each of the oxygen-depen dent degradation (ODD domains (N-terminal, NODD, and C-terminal, CODD of HIF1A. Also hydroxylates H IF2A. Has a preference for the CODD site for both HIF1A and HIF2A. Hydroxylation on the NODD site by E GLN3 appears to require prior hydroxylation on the CODD site.
基因**ID**	112399
基因名	EGLN3
Swiss	Q9H6Z9
别名	EGLN3; HIFP4H3; HIFPH3; PHD3; egl nine homolog 3

产品验证



Western blot analysis of PHD3 expressed in Mouse brain,Rat stomach,PC-12 using PHD3 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lan e. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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