

# PHD3 Rabbit mAb

货号: **AYM29145**

## 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	<b>WB:</b> 1:500 - 1:2000 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 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°C. 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

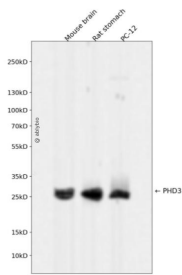
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human PHD3.
序列	MPLGHIMRLDLEKIALEYIVPCLHEVGFYLDNFLGEVVGDCVLERVKQLHCTGALRDGQLAGPRAGVSKRHLRGDQITWIGGNEEGCEAISFLLSLIDRLVLYCGSRLGKYVKERSKAMVACYPGNGTGYVRHVDNPNNGDGRCITCIYYLNKNWDAKLHGGILRIFPEGKSFADVEPIFDRLLFFWSDRRNPHEVQPSYATRYAMTVWYFDAEERAEAKKKFRNLTRKTESALTED

## 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 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 HIF2A. Hydroxylation on the NODD site by EGLN3 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 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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