

## PHD1 RABBIT PAB

货号: N225560

产品全名: PHD1 兔多抗

基因符号 Estrogen-induced tag 6; HPH-3; PHD1

**UNIPROT ID:** Q96KS0

**背景:** 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. Hydroxylated HIFs are then targeted for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.

**抗原:** A synthesized peptide derived from human PHD1/prolyl hydroxylase

**经过测试的应用:** WB,IHC-P,ICC/IF,FC

**推荐稀释比:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 FC: 1/50-1/100

**种属反应性:** Rabbit

**克隆性:** Rabbit Polyclonal

**分子量:** Calculated MW: 44 kDa; Observed MW: 44 kDa

**亚型:** IgG

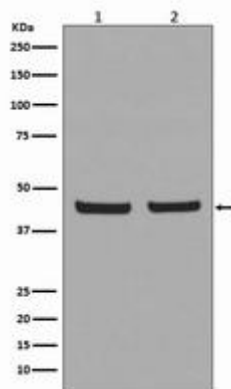
**纯化:** Affinity Chromatography

**种属反应性:** Human, Mouse and Rat

**成分:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**研究领域:** Cardiovascular

**储存和运输:** Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of PHD1 in (1) HeLa lysates; (2) A549 lysates using PHD1 antibody.