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# PLOD1 Rabbit pAb

货号: **AYP25317**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:500 - 1:1000
理论分子量	83kDa/88kDa
实测分子量	84KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,A-431,U-251MG,Mouse kidney,Mouse heart
细胞定位	Luminal side,Peripheral membrane protein,Rough endoplasmic reticulum membrane
纯化	Affinity purification

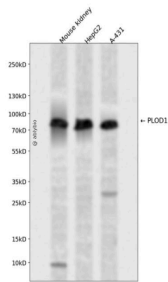
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 19-295 of human PLOD1 (NP_000293.2).
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## 靶点信息

研究背景	Lysyl hydroxylase is a membrane-bound homodimeric protein localized to the cisternae of the endoplasmic reticulum. The enzyme (cofactors iron and ascorbate) catalyzes the hydroxylation of lysyl residues in collagen-like peptides. The resultant hydroxylysyl groups are attachment sites for carbohydrates in collagen and thus are critical for the stability of intermolecular crosslinks. Some patients with Ehlers-Danlos syndrome type VI have deficiencies in lysyl hydroxylase activity. Two transcript variants encoding different isoforms have been found for this gene.
基因ID	5351
基因名	PLOD1
Swiss	Q02809 ( <a href="https://www.uniprot.org/uniprotkb/Q02809/entry">https://www.uniprot.org/uniprotkb/Q02809/entry</a> )
别名	PLOD1,EDS6,LH,LH1,LLH,PLOD,PLOD1 Rabbit pAb,Lysyl hydroxylase 1

## 产品验证



Western blot analysis of PLOD1 expressed in Mouse kidney, HepG2, A-431 using PLOD1 Rabbit pAb 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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