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PLOD3 Rabbit pAb

货号: **AYP20065**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200
理论分子量	84kDa
实测分子量	85KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HepG2,BxPC-3
细胞定位	Luminal side,Peripheral membrane protein,Rough endoplasmic reticulum membrane
纯化	Affinity purification

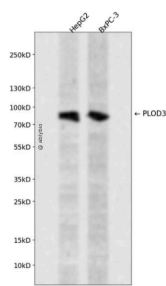
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 25-280 of human PLOD3 (NP_001075.1).
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靶点信息

研究背景	The protein encoded by this gene is a membrane-bound homodimeric enzyme that is localized to the cisternae of the rough 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 VIB have deficiencies in lysyl hydroxylase activity.
基因ID	8985
基因名	PLOD3
Swiss	O60568 (https://www.uniprot.org/uniprotkb/O60568/entry)
别名	PLOD3,LH3,PLOD3 Rabbit pAb,Lysyl hydroxylase 3,Galactosylhydroxylysine-glucosyltransferase,Procollagen galactosyltransferase,Procollagen glucosyltransferase

产品验证



Western blot analysis of PLOD3 expressed in HepG2, BxPC-3 using PLOD3 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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