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P4HA1 Rabbit pAb

货号: **AYP12654**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Glycine max L WB, IF: Sus scrofa
应用	WB IF/ICC
推荐浓度	WB: 1:100 - 1:500 IF/ICC: 1:50 - 1:200
理论分子量	58kDa/60kDa/61kDa
实测分子量	61KDa
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,NCI-H460,U-251MG,Rat skeletal muscle
细胞定位	Endoplasmic reticulum lumen
纯化	Affinity purification

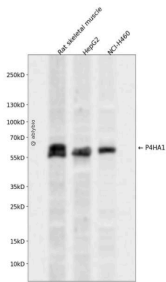
抗原信息

抗原信息	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human P4HA1 (NP_001017962.1).
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靶点信息

研究背景	This gene encodes a component of prolyl 4-hydroxylase, a key enzyme in collagen synthesis composed of two identical alpha subunits and two beta subunits. The encoded protein is one of several different types of alpha subunits and provides the major part of the catalytic site of the active enzyme. In collagen and related proteins, prolyl 4-hydroxylase catalyzes the formation of 4-hydroxyproline that is essential to the proper three-dimensional folding of newly synthesized procollagen chains. Alternatively spliced transcript variants encoding different isoforms have been described.
基因ID	5033
基因名	P4HA1
Swiss	P13674 (https://www.uniprot.org/uniprotkb/P13674/entry)
别名	P4HA1,P4HA,P4HA1 Rabbit pAb,Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-1

产品验证



Western blot analysis of P4HA1 expressed in Rat skeletal muscle, HepG2, NCI-H460 using P4HA1 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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