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# P4HA2 Rabbit pAb

货号: **AYP13590**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Homo sapiens
应用	WB IF/ICC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	60kDa
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,A-549,Mouse placenta,Rat placenta
细胞定位	Endoplasmic reticulum lumen
纯化	Affinity purification

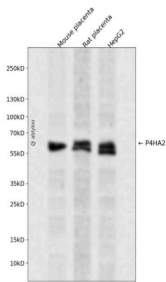
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 239-333 of human P4HA 2 (NP_004190.1).
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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	8974
基因名	P4HA2
Swiss	O15460 ( <a href="https://www.uniprot.org/uniprotkb/O15460/entry">https://www.uniprot.org/uniprotkb/O15460/entry</a> )
别名	P4HA2,MYP25,P4HA2 Rabbit pAb,Procollagen-proline,2-oxoglutarate-4-dioxygenase subunit alpha-2

## 产品验证



Western blot analysis of P4HA2 expressed in Mouse placenta,Rat placenta,HepG2 using P4HA2 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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