

# RDH5 Rabbit pAb

货号: **AYP16110**

## 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	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:100 <b>IF/ICC:</b> 1:50 - 1:100
理论分子量	34kDa
实测分子量	38kDa
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	A-549,BT-474,Mouse liver,Mouse kidney,Rat liver
细胞定位	Endoplasmic reticulum lumen,Membrane,Peripheral membrane protein
纯化	Affinity purification

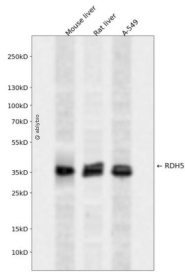
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 24-318 of human RDH5 (NP_002896.2).
序列	LPASNAFVFITGCDSGFGRLLALQLDQRGFRVLASCLTPSGAEDLQRVASSRLHTLLDITDPQSVQQAAKWVEMHVKEA GLFGLVNNAGVAGIIGPTPWLTRDDFQRVLNVNTMGPIGVTLALLPLLQQARGRVINITSVLGRLAANGGGYCVSKFGL EAFSDSLRRDVAHFGIRVSIVEPGFFRTPVTNLESLEKTLQACWARLPPATQAHYGGAFGTKYLKMQQRIMNLICDPDLTKVSR CLEHALTARHPRTYSPGWDKLLWLPASYLPASLVDAVLTWVLPKPAQAVY

## 靶点信息

研究背景	This gene encodes an enzyme belonging to the short-chain dehydrogenases/reductases (SDR) family. This retinol dehydrogenase functions to catalyze the final step in the biosynthesis of 11-cis retinaldehyde, which is the universal chromophore of visual pigments. Mutations in this gene cause autosomal recessive fundus albipunctatus, a rare form of night blindness that is characterized by a delay in the regeneration of cone and rod photopigments. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the neighboring upstream BLOC1S1 (biogenesis of lysosomal organelles complex-1, subunit 1) gene.
基因ID	5959
基因名	RDH5
Swiss	Q92781
别名	RDH5;9cRDH;HSD17B9;RDH1;SDR9C5

## 产品验证



Western blot analysis of RDH5 expressed in Mouse liver, Rat liver, A-549 using RDH5 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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