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# ATP7B Rabbit pAb

货号: **AYP16965**

## 产品信息

反应	Human,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:1000 - 1:2000
理论分子量	133kDa/145kDa/155kDa/157kDa
实测分子量	157KDa
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	Mouse liver,Rat liver
细胞定位	Cytoplasm,Golgi apparatus,Golgi apparatus membrane,Mitochondrion,Multi-pass membrane protein,Multi-pass membrane protein,trans-Golgi network membrane
纯化	Affinity purification

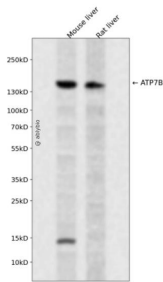
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1055-1354 of human ATP7B (NP_001230111.1).
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## 靶点信息

研究背景	This gene is a member of the P-type cation transport ATPase family and encodes a protein with several membrane-spanning domains, an ATPase consensus sequence, a hinge domain, a phosphorylation site, and at least 2 putative copper-binding sites. This protein functions as a monomer, exporting copper out of the cells, such as the efflux of hepatic copper into the bile. Alternate transcriptional splice variants, encoding different isoforms with distinct cellular localizations, have been characterized. Mutations in this gene have been associated with Wilson disease (WD).
基因ID	540
基因名	ATP7B
Swiss	P35670 ( <a href="https://www.uniprot.org/uniprotkb/P35670/entry">https://www.uniprot.org/uniprotkb/P35670/entry</a> )
别名	ATP7B,PWD,WC1,WD,WND,ATP7B Rabbit pAb,Copper pump 2,Wilson disease-associated protein

## 产品验证



Western blot analysis of ATP7B expressed in Mouse liver,Rat liver using ATP7B 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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