ATP7B-Specific Recombinant antibody

Cat:B36464S

Company： HaoKebio

Uniprot ID:P35670

Organism: Rabbit

Species reactivity: Human Mouse Rat

Molecular Weight Calculation: 157 kDa

Observed Molecular Weight: 150 kDa

Applications: IHC:1:1000-1:4000

IHC-Polymer:1:4000-1:16000

IHC-TSA:1:5000-1:20000

IF:1:50-1:200

WB:1:5000-1:50000

FC:1:200-1:600

Background:

ATP7B, also named as PWD, WC1 and WND, belongs to the cation transport ATPase (P-type) family and Type IB subfamily. ATP7B is involved in the export of copper out of the cells, such as the efflux of hepatic copper into the bile. ATP7B catalyzes the reaction: ATP + H2O + Cu2+(In) = ADP + phosphate + Cu2+(Out). Defects in ATP7B are the cause of Wilson disease (WD). This antibody is specific to ATP7B.

Synonyms:

ATP7B, 242827B3, ATPase, Cu++ transporting, beta polypeptide, Copper-transporting ATPase 2, EC:7.2.2.8

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

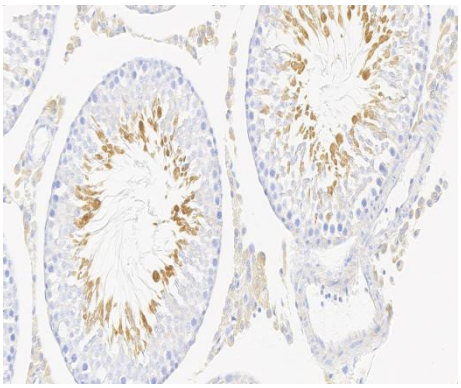
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse testis, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:ATP7B-Specific(B36464S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ATP7B-Specific(B36464S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.