

Datasheet for ABIN390398
anti-ATP7B antibody (C-Term)

7 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | ATP7B |
| Binding Specificity: | AA 1361-1391, C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP7B antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS) |

Product Details

| | |
|---------------|--|
| Immunogen: | This ATP7B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1361-1391 amino acids from the C-terminal region of human ATP7B. |
| Clone: | RB19038 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| | |
|-------------------|--|
| Target: | ATP7B |
| Alternative Name: | ATP7B (ATP7B Products) |

Target Details

Background: ATP7B is a member of the P-type cation transport ATPase family and 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.

Molecular Weight: 157263

Gene ID: 540

NCBI Accession: [NP_000044](#), [NP_001230111](#)

UniProt: [P35670](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Ribonucleoside Biosynthetic Process](#)

Application Details

Application Notes: WB: 1:2000. WB: 1:2000. WB: 1:2000. IF: 1:10~50. WB: 1:2000. IHC-P: 1:10~50. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

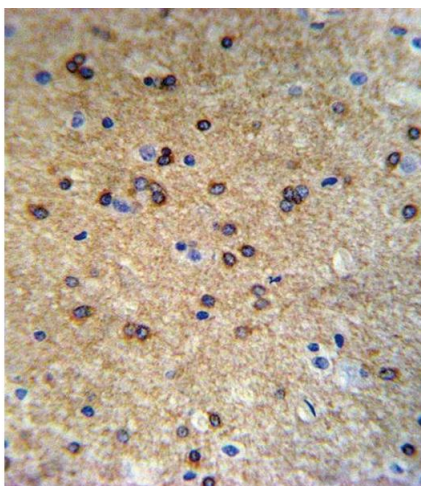
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

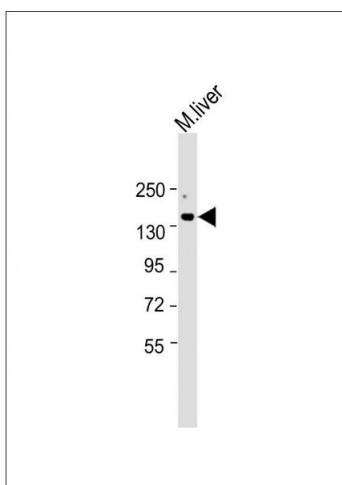
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



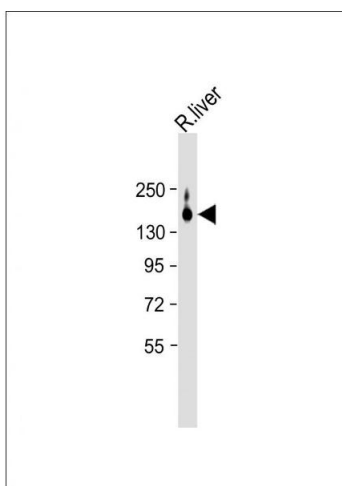
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. ATP7B Antibody (C-term) (ABIN390398 and ABIN2840790) IHC analysis in formalin fixed and paraffin embedded mouse brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP7B Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-ATP7B Antibody (C-term) at 1:2000 dilution + Mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 157 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. Anti-ATP7B Antibody (C-term) at 1:2000 dilution + Rat liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 157 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN390398.