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Datasheet for ABIN733433

anti-ATP7B antibody (AA 1351-1465)

1 Image

1 Publication

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | ATP7B |
| Binding Specificity: | AA 1351-1465 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ATP7B antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human ATP7B |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Pig,Chicken |
| Purification: | Purified by Protein A. |

Target Details

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|---------|-------|
| Target: | ATP7B |
|---------|-------|

Target Details

| | |
|-------------------|--|
| Alternative Name: | Atp7b (ATP7B Products) |
| Background: | Synonyms: WD, PWD, WC1, WND, Copper-transporting ATPase 2, Copper pump 2, Wilson disease-associated protein, ATP7B Background: Involved in the export of copper out of the cells, such as the efflux of hepatic copper into the bile. |
| Gene ID: | 540 |
| UniProt: | P35670 |
| Pathways: | Transition Metal Ion Homeostasis , Ribonucleoside Biosynthetic Process |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |

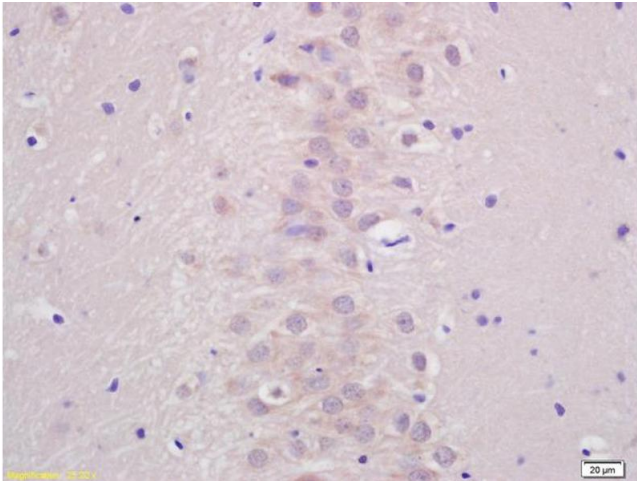
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |

Publications

Product cited in: Wang, Zhu, Zhao, Wang: "miR-133a enhances the sensitivity of Hep-2 cells and vincristine-resistant Hep-2v cells to cisplatin by downregulating ATP7B expression." in: **International journal of molecular medicine**, Vol. 37, Issue 6, pp. 1636-42, (2016) ([PubMed](#)).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-ATP7B Polyclonal Antibody, Unconjugated (ABIN733433) at 1:200 followed by conjugation to the secondary antibody and DAB staining.