

ATP7B Rabbit mAb
Catalog # AP77029**Specification**

ATP7B Rabbit mAb - Product Information

Application	WB
Primary Accession	P35670
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	157263

ATP7B Rabbit mAb - Additional Information**Gene ID** 540**Other Names**

ATP7B

Dilution

WB~~1/500-1/1000

Format

Liquid

ATP7B Rabbit mAb - Protein Information**Name** ATP7B**Synonyms** PWD, WC1, WND**Function**

Copper ion transmembrane transporter involved in the export of copper out of the cells. It is involved in copper homeostasis in the liver, where it ensures the efflux of copper from hepatocytes into the bile in response to copper overload.

Cellular Location

Golgi apparatus, trans-Golgi network membrane; Multi-pass membrane protein. Late endosome Note=Predominantly found in the trans-Golgi network (TGN). Localized in the trans-Golgi network under low copper conditions, redistributes to cytoplasmic vesicles when cells are exposed to elevated copper levels, and then recycles back to the trans-Golgi network when copper is removed (PubMed:10942420). [Isoform 2]: Cytoplasm

Tissue Location

Most abundant in liver and kidney and also found in brain. Isoform 2 is expressed in brain but not in liver. The cleaved form WND/140 kDa is found in liver cell lines and other tissues

ATP7B Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATP7B Rabbit mAb - Images

