

# Anti-ATP7B Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A300506-01	50 µl
A300506-02	100 µl

<b>Specificity</b>	Anti-ATP7B (human mouse rat )
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	ELISA IHC IF
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** P35670

**Other Names:** Copper-transporting ATPase 2, EC 3.6.3.4, Copper pump 2, Wilson disease-associated protein, WND/140 kDa, ATP7B, PWD, WC1, WND

## Specificity and Sensitivity

ATP7B antibody detects endogenous levels of total ATP7B protein.

## Source and Purification

The antiserum was produced against synthesized peptide derived from internal of human ATP7B.

The antibody was affinity-purified by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100    IF: 1:100~1:500    ELISA: 1:1000

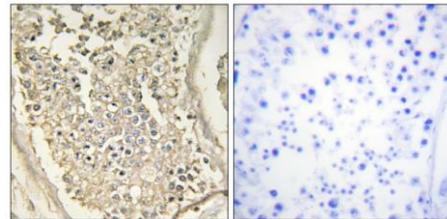
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

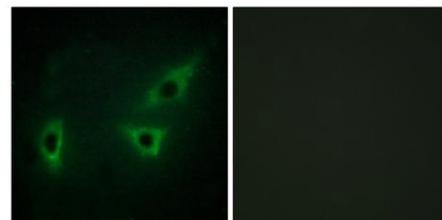
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Peptide                    -                    +

Immunohistochemistry analysis of paraffin-embedded human testis tissue, using ATP7B antibody.



Peptide                    -                    +

Immunofluorescence analysis of HeLa cells, using ATP7B antibody.

## Related Products

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E030220 : AP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody

E021020: Anti-beta Actin Mouse Monoclonal Antibody

E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP