# antibodies -online.com







# anti-ATP7A antibody

**Images** 



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Quantity:	200 μL
Target:	ATP7A
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP7A antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

## **Product Details**

Immunogen:	Recombinant fusion protein of human ATP/A (NP_000043.4).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

#### **Target Details**

Target:	ATP7A
Alternative Name:	ATP7A (ATP7A Products)
Background:	This gene encodes a transmembrane protein that functions in copper transport across membranes. This protein is localized to the trans Golgi network, where it is predicted to supply copper to copper-dependent enzymes in the secretory pathway. It relocalizes to the plasma
	membrane under conditions of elevated extracellular copper, and functions in the efflux of

# Target Details

	copper from cells. Mutations in this gene are associated with Menkes disease, X-linked distal spinal muscular atrophy, and occipital horn syndrome. Alternatively-spliced transcript variants have been observed.
Gene ID:	538
UniProt:	Q04656

Transition Metal Ion Homeostasis, Ribonucleoside Biosynthetic Process

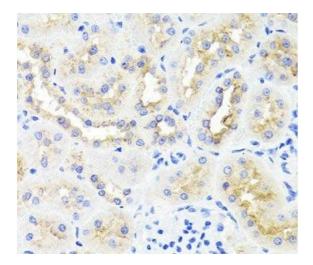
# **Application Details**

Application Notes:	IHC 1:50-1:100
Restrictions:	For Research Use only

## Handling

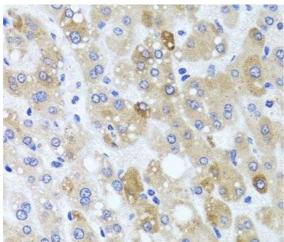
Pathways:

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



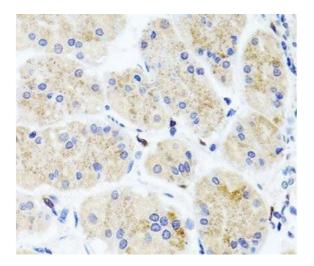
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Immunohistochemistry of paraffin-embedded Rat kidney using ATP7A Polyclonal Antibody at dilution of 1:100 (40x lens).



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 2.** Immunohistochemistry of paraffin-embedded Human liver damage using ATP7A Polyclonal Antibody at dilution of 1:100 (40x lens).



## Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human stomach using ATP7A Polyclonal Antibody at dilution of 1:100 (40x lens).