

ATP7A Polyclonal Antibody

Catalog Number:E-AB-16268



Note: Centrifuge before opening to ensure complete recovery of vial contents.

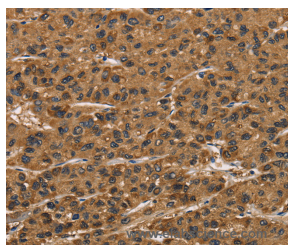
Description

Reactivity	Human,Mouse,Rat
Immunogen	Synthetic peptide of human ATP7A
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

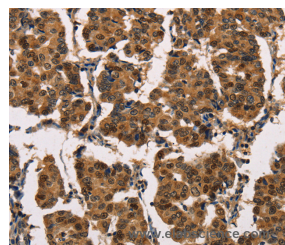
Applications Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using ATP7A Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using ATP7A Polyclonal Antibody at dilution 1:50

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
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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 relocates to the plasma membrane under conditions of elevated extracellular copper, and functions in the efflux of 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.

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