

Product Information

Anti-ATP7A
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW21023**

Formerly listed as GenWay Catalog Number 15-288-21023,
Copper-transporting ATPase 1 Antibody.

Storage Temperature Store at -20 °C

Synonyms: ATPase, Cu++ transporting, alpha polypeptide; Menkes disease-associated protein; copper pump 1; copper-transporting ATPase 1, EC 3.6.3.4; Copper pump 1; Menkes disease-associated protein

Product Description

May supply copper to copper-requiring proteins within the secretory pathway. When localized in the trans-Golgi network. Under conditions of elevated extracellular copper, it relocalized to the plasma membrane where it functions in the efflux of copper from cells.

NCBI Accession number: NP_000043.1

Swiss Prot Accession number: Q04656

Gene Information: Human .. ATP7A (538)

Immunogen: Recombinant protein ATPase, Cu++ transporting, alpha polypeptide; Menkes disease-associated protein; copper pump 1; copper-transporting ATPase 1

Immunogen Sequence: GI # 4502321, sequence 1407 - 1500

The product is a clear, colorless solution in phosphate buffered saline, pH 7.2, containing 0.02% sodium azide.

Species Reactivity: Human, mouse, rat

Tested Applications: WB

Recommended Dilutions: Recommended starting dilution for Western blot analysis is 1:500, for tissue or cell staining 1:200.

Note: Optimal concentrations and conditions for each application should be determined by the user.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

For continuous use, store at 2–8 °C for up to one week. For extended storage, store in -20 °C freezer in working aliquots. Repeated freezing and thawing, or storage in "frostfree" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilution samples should be discarded if not used within 12 hours.

LPG,MAM12/09-1

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