

Product Information

Anti-Ceruloplasmin
antibody produced in chicken,
affinity isolated antibody

Catalog Number **GW20074F**

Formerly listed as GenWay Catalog Number 15-288-20074F,
Ceruloplasmin Antibody.

Storage Temperature Store at -20 °C

Synonyms: Ceruloplasmin (ferroxidase), EC 1.16.3.1; Ferroxidase

Product Description

Ceruloplasmin is a blue, copper-binding (6-7 atoms per molecule) glycoprotein. It has ferroxidase activity oxidizing iron(II) to iron(III) without releasing radical oxygen species. It is involved in iron transport across the cell membrane.

Ceruloplasmin is a plasma metalloprotein that binds most of the copper in plasma. Human ceruloplasmin is composed of a single polypeptide chain. Ceruloplasmin deficiency leads to iron accumulation and causes damages to a variety of tissues and organs.

NCBI Accession number: NP_000087.1

Swiss Prot Accession number: P00450

Gene Information: Human .. CP (1356)

Immunogen: Recombinant protein Ceruloplasmin (ferroxidase)

Immunogen Sequence: GI # 4557485, sequence 1 - 1065

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

Species Reactivity: Human

Tested Applications: ELISA, 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.

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