

CP

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 122kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CP

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CP-2;

Catalog #: A7658

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1356

Isotype: IgG

Swiss Prot: P00450

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a metalloprotein that binds most of the copper in plasma and is involved in the peroxidation of Fe(II)transferrin to Fe(III) transferrin. Mutations in this gene cause aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated with diabetes and neurologic abnormalities. Two transcript variants, one protein-coding and the other not protein-coding, have been found for this gene.

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