

Product datasheet for **TA360509**

Ceruloplasmin (CP) Rabbit Polyclonal Antibody

Product data:

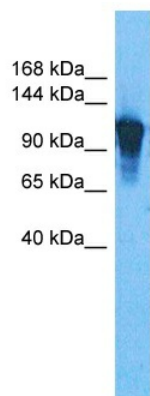
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CP
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	122 kDa
Gene Name:	ceruloplasmin (ferroxidase)
Database Link:	NP_000087.1 Entrez Gene 1356 Human P00450
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.
Synonyms:	ceruloplasmin; CP-2; Ferroxidase
Protein Families:	Druggable Genome



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Protein Pathways: Porphyrin and chlorophyll metabolism

Product images:



Host: Rabbit
Target Name: CP
Sample Type: Liver Tumor Lysate
Antibody Dilution: 1.0 μ g/ml

Host: Rabbit
Target Name: CP
Sample Tissue: Human Liver Tumor
Antibody Dilution: 1.0 μ g/ml