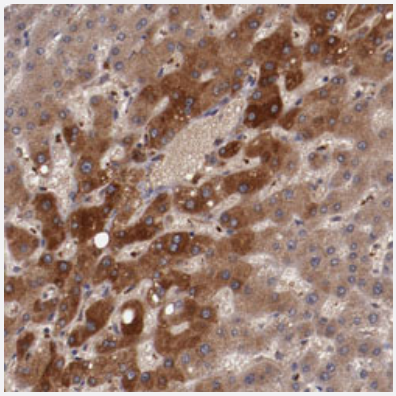
CP polyclonal antibody

Catalog # PAB30320 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with CP polyclonal antibody (Cat # PAB30320) shows moderate cytoplasmic positivity in hepatocytes at 1:20-1:50 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human CP.
Immunogen	Recombinant protein corresponding to human CP.
Sequence	YFSGNTYLWRGERRDTANLFPQTSLTLHMWPDTEGTFNVECLTTDHYTGGMKQKYTVNQCRRQS EDSTFYLGERTYYIAAVEVEWDYSPQREWEKELHHLQEQNVSNAFLDKGEFYIGSKYKKVVYRQY TDSTFRVPVERKAEEEHLGI
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:20-1:50) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — CP

Entrez GeneID	1356
Protein Accession#	P00450
Gene Name	CP
Gene Alias	CP-2
Gene Description	ceruloplasmin (ferroxidase)
Omim ID	117700 604290
Gene Ontology	Hyperlink
Gene Summary	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 wit h diabetes and neurologic abnormalities. [provided by RefSeq
Other Designations	ceruloplasmin|ferroxidase

Pathway

- Porphyrin and chlorophyll metabolism

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Disease

- Abortion
- Alzheimer disease
- Amyotrophic lateral sclerosis
- Anoxia
- Cognition
- Genetic Predisposition to Disease
- Parkinson disease

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