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Datasheet for ABIN391512 anti-Ceruloplasmin antibody (N-Term)

3 Images

1 Publication



Overview

Quantity:	400 μL
Target:	Ceruloplasmin (CP)
Binding Specificity:	AA 121-151, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ceruloplasmin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This CP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide
	between 121-151 AA from the N-terminal region of human CP.
Clone:	RB19057
Isotype:	Ig Fraction
Specificity:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human CP.
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

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Target Details

Target:	Ceruloplasmin (CP)
Alternative Name:	CP (CP Products)
Background:	Synonyms: Ceruloplasmin, Ferroxidase, CP
Molecular Weight:	122205 DA
Gene ID:	1356
UniProt:	P00450
Pathways:	Transition Metal Ion Homeostasis

Application Details

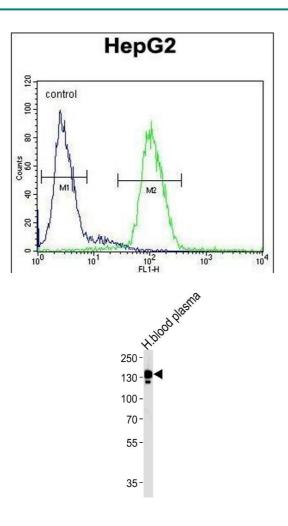
Application Notes:	WB = 1:1000, IHC (p) = 1:50-100, FACS = 1:10-50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Humphrey, Newcomb, Yu, Hao, Yu, Krajewski, Du, Jhala: "Mixed lineage kinase-3 stabilizes and
	functionally cooperates with TRIBBLES-3 to compromise mitochondrial integrity in cytokine-
	induced death of pancreatic beta cells." in: The Journal of biological chemistry, Vol. 285, Issue
	29, pp. 22426-36, (2010) (PubMed).

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Images

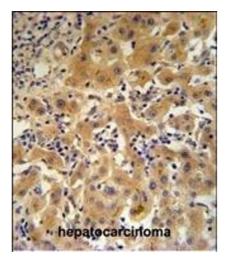


Flow Cytometry

Image 1. CP Antibody (N-term) (ABIN391512 and ABIN2841473) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. CP Antibody (N-term) (ABIN391512 and ABIN2841473) western blot analysis in human blood plasma tissue lysates (35 µg/lane).This demonstrates the CP antibody detected the CP protein (arrow).



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. CP Antibody (N-term) (ABIN391512 and ABIN2841473) IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CP Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

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