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anti-Ceruloplasmin antibody (AA 121-151)





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Overview		
Quantity:	0.4 mL	
Target:	Ceruloplasmin (CP)	
Binding Specificity:	AA 121-151	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Ceruloplasmin antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)	
Product Details		
Immunogen:	A portion of amino acids 121-151 from the human protein was used as the immunogen for this	
	Ceruloplasmin antibody.	
Isotype:	lg Fraction	
Purification:	Purified	
Target Details		
Target:	Ceruloplasmin (CP)	
Alternative Name:	Ceruloplasmin (CP Products)	
Background:	Ceruloplasmin (CP) 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 protein cause	
	aceruloplasminemia, which results in iron accumulation and tissue damage, and is associated	

Target Details

	with diabetes and neurologic abnormalities.
UniProt:	P00450
Pathways:	Transition Metal Ion Homeostasis

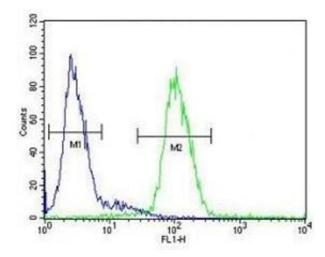
Application Details

Application Notes:	Titration of the Ceruloplasmin antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100,Flow	
	Cytometry: 1:10-1:50	
Restrictions:	For Research Use only	

Handling

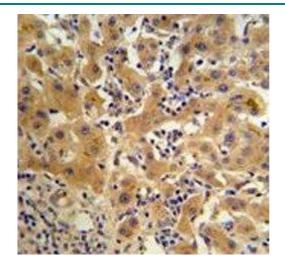
Format:	Liquid	
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot the Ceruloplasmin antibody and store frozen at -20°C or colder. Avoid repeated freeze- thaw cycles.	

Images



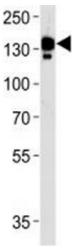
Flow Cytometry

Image 1. Ceruloplasmin antibody flow cytometric analysis of HepG2 cells (green) compared to a negative control (blue).



Immunohistochemistry

Image 2. Ceruloplasmin antibody IHC analysis in formalin fixed and paraffin embedded human hepatocarcinoma



Western Blotting

Image 3. Ceruloplasmin antibody western blot analysis in human blood plasma lysate. Predicted molecular weight $\sim 130 \; \text{kDa}$.

Please check the product details page for more images. Overall 5 images are available for ABIN3030467.