

Anti-Ceruloplasmin antibody (366-572) [S2MR] (STJ11103232)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

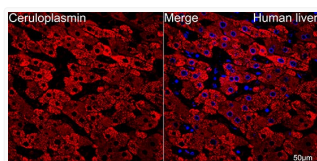
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:5000-1:30000 IHC-P:1:5000-1:20000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 122kDa Observed Mw: 140kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

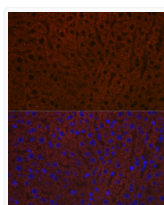
Gene ID	1356
Gene Symbol	CP
UniProt ID	CERU_HUMAN
Immunogen Region	366-572
Immunogen Sequence	IRGKHVRHYIIAAEEIIWNY APSGIDIFTKENLTAPGSDS AVFFEQGTTRIGGSYKKLVY REYTDASFNTNRKRGPEEEH LGILGPVIWAEVGDITRVTF HNKGAYPLSIEPIGVRFNKN NEGTYYSNPYNPQRSVPPS ASHVAPTETFTYEWTVPKVEV GPTNADPVLAKMYYSAVDP TKDIFTGLIGPMKICKKGSL HANGRQK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 366-572 of human Ceruloplasmin (NP_000087.1).

ADDITIONAL INFORMATION

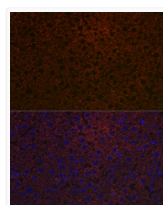
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



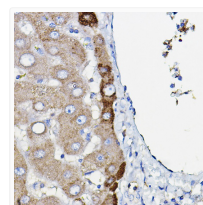
Confocal imaging of human liver using Ceruloplasmin Rabbit monoclonal antibody (STJ11103232, at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.



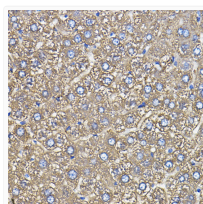
Immunofluorescence analysis of mouse liver using Ceruloplasmin Rabbit monoclonal antibody (STJ11103232) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



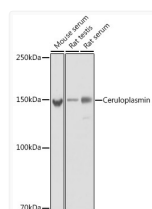
Immunofluorescence analysis of rat liver using Ceruloplasmin Rabbit monoclonal antibody (STJ11103232) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human liver using Ceruloplasmin Rabbit monoclonal antibody (STJ11103232) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat liver using Ceruloplasmin Rabbit monoclonal antibody (STJ11103232) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using Ceruloplasmin antibody (STJ11103232) at 1:5000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.