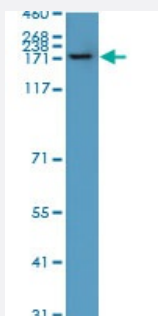


RecomAb™

CPS1 monoclonal antibody, clone RM395

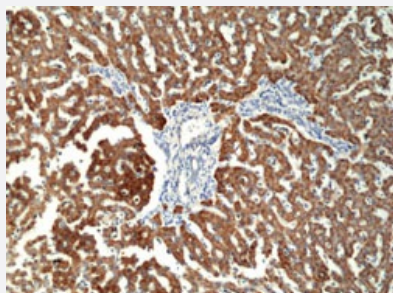
Catalog # MAB23175 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human T cell lysates with CPS1 monoclonal antibody, clone RM395 (Cat # MAB23175) at a 1:10000 dilution.



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with CPS1 monoclonal antibody, clone RM395 (Cat # MAB23175) at a 1:100 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CPS1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to N-terminus of human CPS1.
Reactivity	Human
Specificity	This antibody reacts to CPS1.
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:100-1:200) Western Blot (1:5000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — CPS1

Entrez GeneID	1373
Gene Name	CPS1
Gene Alias	-
Gene Description	carbamoyl-phosphate synthetase 1, mitochondrial
Omim ID	237300 608307
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an enzyme that catalyzes the first committed step of the hepatic urea cycle, which is important in the removal of excess urea from cells. There are two isozymes of this enzyme, and the encoded protein is the mitochondrial form. Three transcript variants encoding different isoforms have been found for this gene. The shortest isoform may not be localized to the mitochondrion. [provided by RefSeq]

Other Designations

CPSase II|carbamoyl-phosphate synthetase 1|carbamoylphosphate synthetase I

Pathway

- [Alanine](#)
- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)
- [Nitrogen metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Enterocolitis](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hypertension](#)
- [Kidney Failure](#)
- [Postoperative Complications](#)
- [Premature Birth](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)