

CPS1 Antibody (clone 8H8)
Mouse Monoclonal Antibody
Catalog # ALS14036**Specification**

CPS1 Antibody (clone 8H8) - Product Information

Application	WB, IHC
Primary Accession	P31327
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	165kDa KDa

CPS1 Antibody (clone 8H8) - Additional Information**Gene ID** 1373**Other Names**

Carbamoyl-phosphate synthase [ammonia], mitochondrial, 6.3.4.16, Carbamoyl-phosphate synthetase I, CPSase I, CPS1

Target/Specificity

Human CPS1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CPS1 Antibody (clone 8H8) is for research use only and not for use in diagnostic or therapeutic procedures.

CPS1 Antibody (clone 8H8) - Protein Information**Name** CPS1**Function**

Involved in the urea cycle of ureotelic animals where the enzyme plays an important role in removing excess ammonia from the cell.

Cellular Location

Mitochondrion. Nucleus, nucleolus. Cell membrane {ECO:0000250|UniProtKB:Q8C196}; Peripheral membrane protein; Extracellular side {ECO:0000250|UniProtKB:Q8C196} Note=Localizes to the cell surface of hepatocytes {ECO:0000250|UniProtKB:Q8C196}

Tissue Location

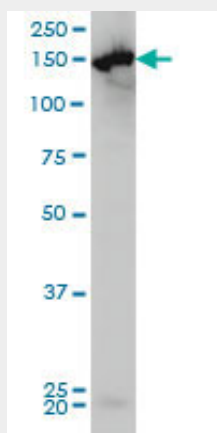
Primarily in the liver and small intestine.

CPS1 Antibody (clone 8H8) - Protocols

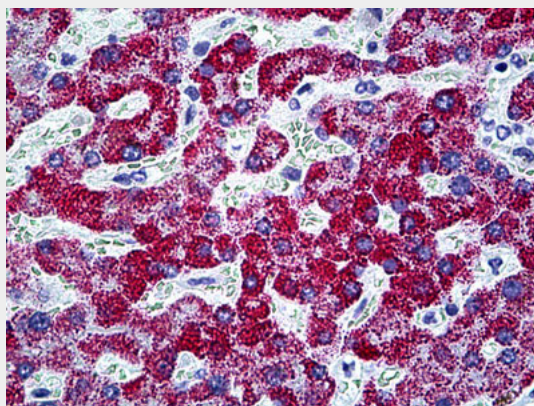
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CPS1 Antibody (clone 8H8) - Images



CPS1 monoclonal antibody, clone 8H8 Western blot of CPS1 expression in HeLa.



Anti-CPS1 antibody IHC of human liver.

CPS1 Antibody (clone 8H8) - Background

Involved in the urea cycle of ureotelic animals where the enzyme plays an important role in removing excess ammonia from the cell.

CPS1 Antibody (clone 8H8) - References

Haraguchi Y., et al. Gene 107:335-340(1991).
Finckh U., et al. Hum. Mutat. 12:206-211(1998).
Summar M.L., et al. Gene 311:51-57(2003).

Huo R.,et al.Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases.
Funghini S.,et al.Hum. Mutat. 22:340-341(2003).