

MTO1 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS11957**Specification**

MTO1 Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q9Y2Z2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	80kDa KDa

MTO1 Antibody (C-Terminus) - Additional Information**Gene ID** 25821**Other Names**

Protein MTO1 homolog, mitochondrial, MTO1

Target/Specificity

synthetic peptide corresponding to C-terminal residues of human Protein MTO1 homolog, mitochondrial precursor

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

MTO1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MTO1 Antibody (C-Terminus) - Protein Information**Name** MTO1**Function**

Involved in the 5-carboxymethylaminomethyl modification (mnm(5)s(2)U34) of the wobble uridine base in mitochondrial tRNAs.

Cellular Location

Mitochondrion.

Tissue Location

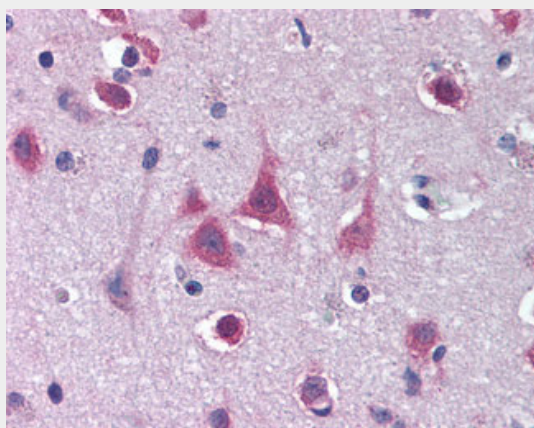
Ubiquitously expressed in various tissues, but with a markedly elevated expression in tissues of high metabolic rates including cochlea.

MT01 Antibody (C-Terminus) - 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](#)

MT01 Antibody (C-Terminus) - Images



Anti-MT01 antibody IHC of human brain, cortex.

MT01 Antibody (C-Terminus) - Background

Involved in the 5-carboxymethylaminomethyl modification (mnm(5)s(2)U34) of the wobble uridine base in mitochondrial tRNAs.

MT01 Antibody (C-Terminus) - References

- Li X.M., et al. J. Biol. Chem. 277:27256-27264(2002).
Lai C.-H., et al. Genome Res. 10:703-713(2000).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Totoki Y., et al. Submitted (JUL-2006) to the EMBL/GenBank/DDBJ databases.
Mungall A.J., et al. Nature 425:805-811(2003).