

MTO1 polyclonal antibody

Catalog # PAB5458 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MTO1.
Immunogen	A synthetic peptide corresponding to C-terminus of human MTO1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% 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
- Enzyme-linked Immunoabsorbent Assay

Gene Info — MTO1

Entrez GeneID	25821
Gene Name	MTO1

Gene Alias	CGI-02
Gene Description	mitochondrial translation optimization 1 homolog (S. cerevisiae)
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a mitochondrial protein thought to be involved in mitochondrial tRNA modification. The encoded protein may also play a role in the expression of the non-syndromic and aminoglycoside-induced deafness phenotypes associated with a specific mutation in the mitochondrial 12S rRNA gene. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000016738 OTTHUMP00000016740 homolog of yeast Mto1 mitochondrial MTO1-3 mitochondrial translation optimization 1 homolog

Disease

- [Deafness](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hearing Loss](#)