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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54841_P050-Biotin
Product Page	www.avivasysbio.com/mto1-antibody-n-terminal-region-biotin-arp54841-p050-biotin.html
Name	MTO1 Antibody - N-terminal region : Biotin (ARP54841_P050-Biotin)
Protein Size (# AA)	732 amino acids
Molecular Weight	81kDa
Conjugation	Biotin
NCBI Gene Id	25821
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Mitochondrial translation optimization 1 homolog (S. cerevisiae)
Alias Symbols	CGI-02, COXPD10
Peptide Sequence	Synthetic peptide located within the following region: STVYAESVILTTGTFLRGMIVIGLETHPAGRLGDQPSIGLAQTLEKLGFEV
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Krull,M., (2005) Mol. Biol. Evol. 22 (8), 1702-1711
Description of Target	MTO1 is a mitochondrial protein thought to be involved in mitochondrial tRNA modification. It 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. 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.
Protein Interactions	UBC; KDM1A; SUV39H1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-MTO1 (ARP54841_P050-Biotin) antibody
Blocking Peptide	For anti-MTO1 (ARP54841_P050-Biotin) antibody is Catalog# AAP54841 (Previous Catalog# AAPP31645)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MTO1
Uniprot ID	Q9Y2Z2
Protein Name	Protein MTO1 homolog, mitochondrial
Protein Accession #	NP_001116698
Purification	Affinity Purified
Nucleotide Accession #	NM_001123226
Gene Symbol	MTO1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 92%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 100%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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