

Rabbit anti-Human, Rat MTO1 Polyclonal Antibody | anti-MTO1 antibody

MTO1 Antibody

CATALOG # AAA230936	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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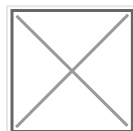
PRODUCT SYNONYMS

MTO1; Polyclonal Antibody; MTO1 Antibody; Protein MTO1 homolog; mitochondrial; CGI-02; anti-MTO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	732
Applicable Applications for anti-MTO1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Protein MTO1 homolog, mitochondrial protein (420-680AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161114 / sc-161115
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



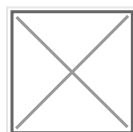
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230936 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA230936 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: MTO1 antibody at 2.25 ug/mlLane 1: Rat heart tissueLane 2: Jurkat whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 80,67,35,78,73,82 kDaObserved band size: 80,65,36 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MTO1 antibody	Involved in the 5-carboxymethylaminomethyl modification (mnm(5)s(2)U34) of the wobble uridine base in mitochondrial tRNAs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	183227703
NCBI GeneID	25821
NCBI Accession #	NP_001116698.1
NCBI GenBank Nucleotide #	NM_001123226.1
UniProt Accession #	Q9Y2Z2; Q5SWL2; Q5SWL3; Q5SWL4; Q8NDN7; Q8WZ57; Q96FE6; Q9BS06; B3KQB5
Molecular Weight	81,538 Da
NCBI Official Full Name	protein MTO1 homolog, mitochondrial isoform c
NCBI Official Synonym Full Names	mitochondrial tRNA translation optimization 1
NCBI Official Symbol	MTO1
NCBI Official Synonym Symbols	CGI-02; COXPD10
NCBI Protein Information	protein MTO1 homolog, mitochondrial
UniProt Protein Name	Protein MTO1 homolog, mitochondrial
UniProt Gene Name	MTO1
UniProt Entry Name	MTO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mto1-antibody-immunohistochemistry-western-blot-elisa/230936>