MIAB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MIAB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O9:H4 (strain HS) MIAB Polyclonal Antibody
Product Gene Name	anti-MIAB antibody
Product Synonym Names	MIAB Antibody; tRNA-2-methylthio-N(6)-dimethylallyladenosine synthase; EC 2.8.4.3; (Dimethylallyl)adenosine tRNA methylthiotransferase MiaB; tRNA-i(6)A37 methylthiotransferase; miaB EcHS_A0708
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O9:H4 (strain HS)
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Purity/Purification	Antigen-affinity
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	53,663 Da
3D Structure	ModBase 3D Structure for A7ZXT0
Immunogen	Recombinant Escherichia coli O9:H4 (strain HS) miaB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MIAB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MIAB antibody	MBS7169597 is an antibody targeting MIAB. Also known as Rabbit anti-Escherichia coli O9:H4 (strain HS) MIAB Polyclonal Antibody. Reactive in E Coli O9:H4 (strain HS). Host: Rabbit.
Other Notes	Small volumes of anti-MIAB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MIAB. It may not necessarily be applicable to this product.

NCBI GI #	446084885
NCBI Accession #	WP_000162740.1
UniProt Primary Accession #	A7ZXT0
UniProt Secondary Accession #	P77645
GenBank Nucleotide #	WP_000162740.1

NCBI Official Full Name	MULTISPECIES: tRNA (N6-isopentenyl adenosine(37)-C2)-methylthiotransferase MiaB
UniProt Protein Name	tRNA-2-methylthio-N(6)-dimethylallyladenosine synthase
UniProt Synonym Protein Names	(Dimethylallyl)adenosine tRNA methylthiotransferase MiaB
Protein Family	tRNA-2-methylthio-N(6)-dimethylallyladenosine synthase
UniProt Gene Name	miaB
UniProt Comments for MIAB	Catalyzes the methylthiolation of N6-(dimethylallyl)adenosine (i6A), leading to the formation of 2-methylthio-N6-(dimethylallyl)adenosine (ms2i6A) at position 37 in tRNAs that read codons beginning with uridine.
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