CMOB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CMOB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain 55989/EAEC) CMOB Polyclonal Antibody
Product Gene Name	anti-CMOB antibody
Product Synonym Names	CMOB Antibody; tRNA U34 carboxymethyltransferase; EC 2.5.1.-; cmoB EC55989_2050
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain 55989/EAEC)
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	37,127 Da
3D Structure	ModBase 3D Structure for B7L7S4
Immunogen	Recombinant Escherichia coli (strain 55989 / EAEC) cmoB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CMOB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CMOB antibody	MBS7175229 is an antibody targeting CMOB. Also known as Rabbit anti-Escherichia coli (strain 55989/EAEC) CMOB Polyclonal Antibody. Reactive in E Coli (strain 55989/EAEC). Host: Rabbit.
Other Notes	Small volumes of anti-CMOB 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 CMOB. It may not necessarily be applicable to this product.

NCBI GI #	446486891
NCBI Accession #	WP_000564745.1
UniProt Primary Accession #	B7L7S4
GenBank Nucleotide #	WP_000564745.1
NCBI Official Full Name	MULTISPECIES: tRNA 5-methoxyuridine(34)/uridine 5-oxyacetic acid(34) synthase CmoB

UniProt Protein Name	tRNA U34 carboxymethyltransferase
Protein Family	tRNA U34 carboxymethyltransferase
UniProt Gene Name	cmoB
UniProt Comments for CMOB	Catalyzes carboxymethyl transfer from carboxy-S-adenosyl-L-methionine (Cx-SAM) to 5-hydroxyuridine (ho5U) to form 5-carboxymethoxyuridine (cmo5U) at position 34 in tRNAs.
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