TREF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TREF, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O81 (strain ED1a) TREF Polyclonal Antibody
Product Gene Name	anti-TREF antibody
Product Synonym Names	TREF Antibody; Cytoplasmic trehalase; EC 3.2.1.28; Alpha,alpha-trehalase; Alpha,alpha-trehalose glucohydrolase; treF ECED1_4197
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O81 (strain ED1a)
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	63,782 Da
3D Structure	ModBase 3D Structure for B7N1V9
Immunogen	Recombinant Escherichia coli O81 (strain ED1a) treF protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TREF antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-TREF antibody	MBS7177992 is an antibody targeting TREF. Also known as Rabbit anti-Escherichia coli O81 (strain ED1a) TREF Polyclonal Antibody. Reactive in E Coli O81 (strain ED1a). Host: Rabbit.
Other Notes	Small volumes of anti-TREF 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 TREF. It may not necessarily be applicable to this product.

NCBI GI #	446856976
NCBI Accession #	WP_000934232.1
UniProt Primary Accession #	B7N1V9
GenBank Nucleotide #	WP_000934232.1
NCBI Official Full Name	trehalase

UniProt Protein Name	Cytoplasmic trehalase
UniProt Synonym Protein Names	Alpha,alpha-trehalase
Protein Family	Cytoplasmic trehalase
UniProt Gene Name	treF
UniProt Comments for TREF	Hydrolyzes trehalose to glucose. Could be involved, in cells returning to low osmolarity conditions, in the utilization of the accumulated cytoplasmic trehalose, which was synthesized in response to high osmolarity.
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