TREA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TREA, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri TREA Polyclonal Antibody
Product Gene Name	anti-TREA antibody
Product Synonym Names	TREA Antibody; Periplasmic trehalase; EC 3.2.1.28; Alpha,alpha-trehalase; Alpha,alpha-trehalose glucohydrolase; treA SF1200 S1284
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Shigella flexneri
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	63,702 Da
3D Structure	ModBase 3D Structure for Q83RP6
Immunogen	Recombinant Shigella flexneri treA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TREA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-TREA antibody	MBS9000565 is an antibody targeting TREA. Also known as Rabbit anti-Shigella flexneri TREA Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-TREA 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 TREA. It may not necessarily be applicable to this product.

NCBI GI #	56479849
NCBI GeneID	1024133
NCBI Accession #	NP_707106.2
UniProt Primary Accession #	Q83RP6
GenBank Nucleotide #	NC_004337.2

NCBI Official Full Name	trehalase
NCBI Official Symbol	treA
UniProt Protein Name	Periplasmic trehalase
UniProt Synonym Protein Names	Alpha,alpha-trehalase
Protein Family	Acid trehalase
UniProt Gene Name	treA
NCBI Protein Information	trehalase
UniProt Comments for TREA	Provides the cells with the ability to utilize trehalose at high osmolarity by splitting it into glucose molecules that can subsequently be taken up by the phosphotransferase-mediated uptake system.
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