MSBA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MSBA, Polyclonal Antibody
Full Product Name	Rabbit anti-Shigella flexneri MSBA Polyclonal Antibody
Product Gene Name	anti-MSBA antibody
Product Synonym Names	MSBA Antibody; Lipid A export ATP-binding/permease protein MsbA; EC 3.6.3.-; msbA SF0910 S0974
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	64,488 Da
3D Structure	ModBase 3D Structure for Q83LP0
Immunogen	Recombinant Shigella flexneri msbA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MSBA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-MSBA antibody	MBS9001564 is an antibody targeting MSBA. Also known as Rabbit anti-Shigella flexneri MSBA Polyclonal Antibody. Reactive in Shigella flexneri. Host: Rabbit.
Other Notes	Small volumes of anti-MSBA 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 MSBA. It may not necessarily be applicable to this product.

NCBI GI #	24112322
NCBI GeneID	1023860
NCBI Accession #	NP_706832.1
UniProt Primary Accession #	Q83LP0
GenBank Nucleotide #	NC_004337.2

NCBI Official Full Name	lipid transporter ATP-binding/permease
NCBI Official Symbol	msbA
UniProt Protein Name	Lipid A export ATP-binding/permease protein MsbA
Protein Family	Lipid A export ATP-binding/permease protein
UniProt Gene Name	msbA
UniProt Entry Name	MSBA_SHIFL
NCBI Protein Information	lipid transporter ATP-binding/permease
UniProt Comments for MSBA	Involved in lipid A export and possibly also in glycerophospholipid export and for biogenesis of the outer membrane. Transmembrane domains (TMD) form a pore in the inner membrane and the ATP-binding domain (NBD) is responsible for energy generation.
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