ALSA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ALSA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) ALSA Polyclonal Antibody
Product Gene Name	anti-ALSA antibody
Product Synonym Names	ALSA Antibody; D-allose import ATP-binding protein AlsA; EC 3.6.3.17; alsA yjcW b4087 JW4048
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
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	56,745 Da
3D Structure	ModBase 3D Structure for P32721
Immunogen	Recombinant Escherichia coli (strain K12) alsA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ALSA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-ALSA antibody	MBS7155195 is an antibody targeting ALSA. Also known as Rabbit anti-Escherichia coli (strain K12) ALSA Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-ALSA 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 ALSA. It may not necessarily be applicable to this product.

NCBI GI #	16131913
NCBI GeneID	948593
NCBI Accession #	NP_418511.1
UniProt Primary Accession #	P32721
UniProt Secondary Accession #	Q2M6L6

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	D-allose ABC transporter ATPase
NCBI Official Symbol	alsA
NCBI Official Synonym Symbols	ECK4080; JW4048; yjcW
UniProt Protein Name	D-allose import ATP-binding protein AlsA
Protein Family	D-allose import ATP-binding protein
UniProt Gene Name	alsA
UniProt Synonym Gene Names	yjcW
NCBI Protein Information	D-allose ABC transporter ATPase
NCBI Summary for ALSA	AlsA is the ATP-binding component of the allose ABC transporter. [More information is available at EcoCyc: EG11959].
UniProt Comments for ALSA	Part of the ABC transporter complex AlsBAC involved in D-allose import. Probably responsible for energy coupling to the transport system.
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