YDDA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YDDA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) YDDA Polyclonal Antibody
Product Gene Name	anti-YDDA antibody
Product Synonym Names	YDDA Antibody; Inner membrane ABC transporter ATP-binding protein YddA; CDS102; yddA b1496 JW5242
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	64,985 Da
Chromosome Location	NC_000913.2 (1575681..1577366, complement)
3D Structure	ModBase 3D Structure for P31826
Immunogen	Recombinant Escherichia coli (strain K12) yddA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-YDDA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-YDDA antibody	MBS7157045 is an antibody targeting YDDA. Also known as Rabbit anti-Escherichia coli (strain K12) YDDA Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-YDDA 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 YDDA. It may not necessarily be applicable to this product.

NCBI GI #	16129455
NCBI GeneID	945945
NCBI Accession #	NP_416013.1
UniProt Primary Accession #	P31826

UniProt Secondary Accession #	P76133; P76876
GenBank Nucleotide #	NC_000913.2
NCBI Official Full Name	fused predicted multidrug transporter subunits of ABC superfamily: membrane component/ATP-binding component
NCBI Official Symbol	yddA
NCBI Official Synonym Symbols	ECK1490; JW5242
UniProt Protein Name	Inner membrane ABC transporter ATP-binding protein YddA
UniProt Synonym Protein Names	CDS102
Protein Family	Inner membrane ABC transporter ATP-binding protein
UniProt Gene Name	yddA
UniProt Entry Name	YDDA_ECOLI
NCBI Protein Information	fused predicted multidrug transporter subunits of ABC superfamily: membrane component/ATP-binding component
NCBI Summary for YDDA	YddA was found, in random transposon mutagenesis studies, to be required for growth in optimum (rich medium at 37 degrees C) growth conditions but not under cold conditions (15 degrees C) or in minimal medium . [More information is available at EcoCyc: EG11742].
UniProt Comments for YDDA	Subcellular location: Cell inner membrane; Multi-pass membrane protein. Sequence similarities: Belongs to the ABC transporter superfamily.Contains 1 ABC transmembrane type-1 domain.Contains 1 ABC transporter domain. Sequence caution: The sequence CAA50732.1 differs from that shown. Reason: Erroneous initiation.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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