YPHD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YPHD, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) YPHD Polyclonal Antibody
Product Gene Name	anti-YPHD antibody
Product Synonym Names	YPHD Antibody; Probable ABC transporter permease protein YphD yphD b2546 JW2530
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	34,483 Da
3D Structure	ModBase 3D Structure for P77315
Immunogen	Recombinant Escherichia coli (strain K12) yphD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-YPHD antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-YPHD antibody	MBS7148213 is an antibody targeting YPHD. Also known as Rabbit anti-Escherichia coli (strain K12) YPHD Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-YPHD 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 YPHD. It may not necessarily be applicable to this product.

NCBI GI #	16130471
NCBI GeneID	949063
NCBI Accession #	NP_417041.1
UniProt Primary Accession #	P77315
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	putative sugar ABC transporter permease
NCBI Official Symbol	yphD
NCBI Official Synonym Symbols	ECK2543; JW2530
UniProt Protein Name	Probable ABC transporter permease protein YphD
Protein Family	Probable ABC transporter permease protein
UniProt Gene Name	yphD
NCBI Protein Information	putative sugar ABC transporter permease
NCBI Summary for YPHD	Predicted yphFEDCB operon. [More information is available at EcoGene: EG13465]. YphD is a membrane component of a predicted ATP-dependent sugar transporter. [More information is available at EcoCyc: G7340].
UniProt Comments for YPHD	Probably part of the binding-protein-dependent transport system YphDEF. Probably responsible for the translocation of the substrate across the membrane.
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