YBDL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YBDL, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) YBDL Polyclonal Antibody
Product Gene Name	anti-YBDL antibody
Product Synonym Names	YBDL Antibody; Methionine aminotransferase; EC 2.6.1.88; Methionine-oxo-acid transaminase; ybdL b0600 JW0593
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	42,963 Da
3D Structure	ModBase 3D Structure for P77806
Immunogen	Recombinant Escherichia coli (strain K12) ybdL protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-YBDL antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-YBDL antibody	MBS7148581 is an antibody targeting YBDL. Also known as Rabbit anti-Escherichia coli (strain K12) YBDL Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-YBDL 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 YBDL. It may not necessarily be applicable to this product.

NCBI GI #	16128583
NCBI GeneID	945211
NCBI Accession #	NP_415133.1
UniProt Primary Accession #	P77806
GenBank Nucleotide #	NC_000913.3

NCBI Official Full Name	methionine aminotransferase, PLP-dependent
NCBI Official Symbol	ybdL
NCBI Official Synonym Symbols	ECK0594; JW0593
UniProt Protein Name	Methionine aminotransferase
UniProt Synonym Protein Names	Methionine-oxo-acid transaminase
Protein Family	Methionine aminotransferase
UniProt Gene Name	ybdL
NCBI Protein Information	methionine aminotransferase, PLP-dependent
NCBI Summary for YBDL	AFMB Structural Genomics target Number 35 (http://afmb.cnrs-mrs.fr/article171.html). [More information is available at EcoGene: EG13531]. A crystal structure of YbdL was solved at 2.35 A resolution. [More information is available at EcoCyc: G6329].
UniProt Comments for YBDL	Shows aminotransferase activity with methionine and histidine as substrates, and to a lesser extent also with phenylalanine.
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