TNAB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TNAB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) TNAB Polyclonal Antibody
Product Gene Name	anti-TNAB antibody
Product Synonym Names	TNAB Antibody; Low affinity tryptophan permease tnaB trpP b3709 JW5619/JW5622
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	45,211 Da
3D Structure	ModBase 3D Structure for P23173
Immunogen	Recombinant Escherichia coli (strain K12) tnaB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TNAB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-TNAB antibody	MBS7158715 is an antibody targeting TNAB. Also known as Rabbit anti-Escherichia coli (strain K12) TNAB Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-TNAB 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 TNAB. It may not necessarily be applicable to this product.

NCBI GI #	16131577
NCBI GeneID	948220
NCBI Accession #	NP_418165.1
UniProt Primary Accession #	P23173
UniProt Secondary Accession #	Q2M823; Q2M825

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	tryptophan transporter of low affinity
NCBI Official Symbol	tnaB
NCBI Official Synonym Symbols	ECK3702; JW5619; JW5622; tnaP; trpP
UniProt Protein Name	Low affinity tryptophan permease
Protein Family	Low affinity tryptophan permease
UniProt Gene Name	tnaB
UniProt Synonym Gene Names	trpP
NCBI Protein Information	tryptophan transporter of low affinity
NCBI Summary for TNAB	HAAAP family. [More information is available at EcoGene: EG11006]. TnaB is one of three known transporters for tryptophan in Escherichia coli, the others being Mtr and AroP. [More information is available at EcoCyc: EG11006].
UniProt Comments for TNAB	Involved in tryptophan transport across the cytoplasmic membrane. Plays a role in transporting tryptophan which is to be used catabolically.
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