btuD Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	btuD, Polyclonal Antibody
Full Product Name	Rabbit anti-Halobacterium salinarum (strain 29341/DSM 671/R1) btuD Polyclonal Antibody
Product Gene Name	anti-btuD antibody
Product Synonym Names	btuD Antibody; Cobalamin import ATP-binding protein BtuD; EC 3.6.3.33; Vitamin B12-transporting ATPase), btuD
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Halobacterium salinarum (strain 29341/DSM 671/R1)
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	40.5 kDa
3D Structure	ModBase 3D Structure for B0R5G4
Immunogen	Recombinant Halobacterium salinarum btuD protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-btuD antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-btuD antibody	MBS7184530 is an antibody targeting btuD. Also known as Rabbit anti-Halobacterium salinarum (strain 29341/DSM 671/R1) btuD Polyclonal Antibody. Reactive in Halobacterium salinarum (strain 29341/DSM 671/R1). Host: Rabbit.
Other Notes	Small volumes of anti-btuD 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 btuD. It may not necessarily be applicable to this product.

NCBI GI #	499205455
NCBI Accession #	WP_010902995.1
UniProt Primary Accession #	B0R5G4
GenBank Nucleotide #	WP_010902995.1
NCBI Official Full Name	iron ABC transporter

UniProt Protein Name	Cobalamin import ATP-binding protein BtuD
UniProt Synonym Protein Names	Vitamin B12-transporting ATPase
Protein Family	Cobalamin import ATP-binding protein
UniProt Gene Name	btuD
UniProt Comments for btuD	Required for corrinoid utilization. Probably part of the ABC transporter complex BtuCDF involved in cobalamin (vitamin B12) import. Probably responsible for energy coupling to the transport system ().
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