BIOB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BIOB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O6:K15:H31 (strain 536/UPEC) BIOB Polyclonal Antibody
Product Gene Name	anti-BIOB antibody
Product Synonym Names	BIOB Antibody; Biotin synthase; EC 2.8.1.6; bioB ECP_0789
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O6:K15:H31 (strain 536/UPEC)
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	38,681 Da
3D Structure	ModBase 3D Structure for Q0TJS3
Immunogen	Recombinant Escherichia coli O6:K15:H31 (strain 536 / UPEC) bioB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BIOB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-BIOB antibody	MBS7188507 is an antibody targeting BIOB. Also known as Rabbit anti-Escherichia coli O6:K15:H31 (strain 536/UPEC) BIOB Polyclonal Antibody. Reactive in E Coli O6:K15:H31 (strain 536/UPEC). Host: Rabbit.
Other Notes	Small volumes of anti-BIOB 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 BIOB. It may not necessarily be applicable to this product.

NCBI GI #	446873967
NCBI Accession #	WP_000951223.1
UniProt Primary Accession #	Q0TJS3
GenBank Nucleotide #	WP_000951223.1
NCBI Official Full Name	biotin synthase

UniProt Protein Name	Biotin synthase
Protein Family	Biotin biosynthesis bifunctional protein
UniProt Gene Name	bioB
UniProt Comments for BIOB	Catalyzes the conversion of dethiobiotin (DTB) to biotin by the insertion of a sulfur atom into dethiobiotin via a radical-based mechanism.
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