BETA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BETA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O139:H28 (strain E24377A/ETEC) BETA Polyclonal Antibody
Product Gene Name	anti-BETA antibody
Product Synonym Names	BETA Antibody; Oxygen-dependent choline dehydrogenase; CDH; CHD; EC 1.1.99.1; Betaine aldehyde dehydrogenase; BADH; EC 1.2.1.8; betA EcE24377A_0326
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O139:H28 (strain E24377A/ETEC)
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	61,848 Da
3D Structure	ModBase 3D Structure for A7ZI50
Immunogen	Recombinant Escherichia coli O139:H28 (strain E24377A / ETEC) betA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-BETA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-BETA antibody	MBS7138527 is an antibody targeting BETA. Also known as Rabbit anti-Escherichia coli O139:H28 (strain E24377A/ETEC) BETA Polyclonal Antibody. Reactive in E Coli O139:H28 (strain E24377A/ETEC). Host: Rabbit.
Other Notes	Small volumes of anti-BETA 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 BETA. It may not necessarily be applicable to this product.

NCBI GI #	447081846
NCBI Accession #	WP_001159102.1
UniProt Primary Accession #	A7ZI50
GenBank Nucleotide #	WP_001159102.1
NCBI Official Full Name	MULTISPECIES: oxygen-dependent choline dehydrogenase

UniProt Protein Name	Oxygen-dependent choline dehydrogenase
UniProt Synonym Protein Names	Betaine aldehyde dehydrogenase
Protein Family	Oxygen-dependent choline dehydrogenase
UniProt Gene Name	betA
UniProt Synonym Gene Names	CDH; CHD; BADH
UniProt Comments for BETA	Involved in the biosynthesis of the osmoprotectant glycine betaine. Catalyzes the oxidation of choline to betaine aldehyde and betaine aldehyde to glycine betaine at the same rate.
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