FABZ Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FABZ, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O17:K52:H18 (strain UMN026/ExPEC) FABZ Polyclonal Antibody
Product Gene Name	anti-FABZ antibody
Product Synonym Names	FABZ Antibody; 3-hydroxyacyl-[acyl-carrier-protein] dehydratase FabZ; EC 4.2.1.59; (3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase; (3R)-hydroxymyristoyl-ACP dehydrase; Beta-hydroxyacyl-ACP dehydratase; fabZ ECUMN_0177
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O17:K52:H18 (strain UMN026/ExPEC)
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	17,033 Da
3D Structure	ModBase 3D Structure for B7N847
Immunogen	Recombinant Escherichia coli O17:K52:H18 (strain UMN026 / ExPEC) fabZ protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-FABZ antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-FABZ antibody	MBS7175723 is an antibody targeting FABZ. Also known as Rabbit anti-Escherichia coli O17:K52:H18 (strain UMN026/ExPEC) FABZ Polyclonal Antibody. Reactive in E Coli O17:K52:H18 (strain UMN026/ExPEC). Host: Rabbit.
Other Notes	Small volumes of anti-FABZ 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 FABZ. It may not necessarily be applicable to this product.

NCBI GI #	446132884
NCBI Accession #	WP_000210739.1
UniProt Primary Accession #	B7N847
GenBank Nucleotide #	WP_000210739.1

NCBI Official Full Name	MULTISPECIES: beta-hydroxyacyl-ACP dehydratase
UniProt Protein Name	3-hydroxyacyl-[acyl-carrier-protein] dehydratase FabZ
UniProt Synonym Protein Names	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
Protein Family	3-hydroxyacyl-[acyl-carrier-protein] dehydratase
UniProt Gene Name	fabZ
UniProt Synonym Gene Names	(3R)-hydroxymyristoyl-ACP dehydrase
UniProt Comments for FABZ	Involved in unsaturated fatty acids biosynthesis. Catalyzes the dehydration of short chain beta-hydroxyacyl-ACPs and long chain saturated and unsaturated beta-hydroxyacyl-ACPs.
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