Aliphatic Amidase Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Aliphatic amidase, Polyclonal Antibody
Full Product Name	Aliphatic amidase Antibody
Product Synonym Names	Aliphatic amidase; Aliphatic amidase (EC 3.5.1.4)(Acylamide amidohydrolase)(Wide spectrum amidase)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Geobacillus stearothermophilus (Bacillus stearothermophilus)
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	39,085 Da
3D Structure	ModBase 3D Structure for Q9RQ17
Immunogen	Recombinant Geobacillus stearothermophilus (Bacillus stearothermophilus) Aliphatic amidase protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-Aliphatic amidase antibody	ELISA (EIA), Western Blot (WB)(ensure identification of antigen)
Related Product Information for anti-Aliphatic amidase antibody	MBS9009602 is an antibody targeting Aliphatic amidase. Also known as Aliphatic amidase Antibody. Reactive in Geobacillus stearothermophilus (Bacillus stearothermophilus). Host: Rabbit.
Other Notes	Small volumes of anti-Aliphatic amidase 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 Aliphatic amidase. It may not necessarily be applicable to this product.

NCBI GI #	31339994
NCBI GeneID	0
NCBI Accession #	Q9RQ17.1
UniProt Primary Accession #	Q9RQ17
NCBI Official Full Name	Aliphatic amidase
UniProt Protein Name	Aliphatic amidase

UniProt Synonym Protein Names	Acylamide amidohydrolase; Wide spectrum amidase
Protein Family	Aliphatic amidase
UniProt Comments for Aliphatic amidase	Catalyzes the hydrolysis of short-chain aliphatic amides to their corresponding organic acids with release of ammonia. Efficiently hydrolyzes propionamide, acetamide and acrylamide, but shows a very weak activity with aromatic and longer chain aliphatic amides.
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