Aspartic Protease Inhibitor 3 (API-3) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Aspartic protease inhibitor 3 (API-3), Polyclonal Antibody
Full Product Name	Aspartic protease inhibitor 3 Antibody
Product Gene Name	anti-API-3 antibody
Product Synonym Names	Aspartic protease inhibitor 3; Aspartic protease inhibitor 3 (API-3)(Fragment)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Solanum tuberosum (Potato)
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	18,578 Da
3D Structure	ModBase 3D Structure for P58518
Immunogen	Recombinant Solanum tuberosum (Potato) Aspartic protease inhibitor 3 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-API-3 antibody	ELISA (EIA), Western Blot (WB)(ensure identification of antigen)
Related Product Information for anti-API-3 antibody	MBS7160969 is an antibody targeting API-3. Also known as Aspartic protease inhibitor 3 Antibody. Reactive in Solanum tuberosum (Potato). Host: Rabbit.
Other Notes	Small volumes of anti-API-3 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 API-3. It may not necessarily be applicable to this product.

NCBI GI #	20137276
NCBI GeneID	0
NCBI Accession #	P58518.1
UniProt Primary Accession #	P58518
NCBI Official Full Name	Aspartic protease inhibitor 3

UniProt Protein Name	Aspartic protease inhibitor 3
Protein Family	Aspartic protease inhibitor
UniProt Gene Name	API-3
UniProt Synonym Gene Names	API-3
UniProt Comments for API-3	Inhibitor of cathepsin D (aspartic protease). May also inhibit trypsin and chymotrypsin (serine proteases). Protects the plant by inhibiting proteases of invading organisms.
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