PEPQ Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PEPQ, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O1:K1/APEC PEPQ Polyclonal Antibody
Product Gene Name	anti-PEPQ antibody
Product Synonym Names	PEPQ Antibody; Xaa-Pro dipeptidase; X-Pro dipeptidase; EC 3.4.13.9; Imidodipeptidase; Proline dipeptidase; Prolidase; pepQ Ecok1_38300 APECO1_2610
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O1:K1/APEC
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	50,189 Da
3D Structure	ModBase 3D Structure for A1AI34
Immunogen	Recombinant Escherichia coli O1:K1 / APEC pepQ protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PEPQ antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-PEPQ antibody	MBS7141017 is an antibody targeting PEPQ. Also known as Rabbit anti-Escherichia coli O1:K1/APEC PEPQ Polyclonal Antibody. Reactive in E Coli O1:K1/APEC. Host: Rabbit.
Other Notes	Small volumes of anti-PEPQ 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 PEPQ. It may not necessarily be applicable to this product.

NCBI GI #	446366690
NCBI Accession #	WP_000444545.1
UniProt Primary Accession #	A1AI34
GenBank Nucleotide #	WP_000444545.1
NCBI Official Full Name	MULTISPECIES: Xaa-Pro dipeptidase

UniProt Protein Name	Xaa-Pro dipeptidase
UniProt Synonym Protein Names	Imidodipeptidase
Protein Family	Xaa-Pro dipeptidase
UniProt Gene Name	pepQ
UniProt Synonym Gene Names	X-Pro dipeptidase; Prolidase
UniProt Comments for PEPQ	Splits dipeptides with a prolyl residue in the C-terminal position.
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