CLCA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CLCA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O1:K1/APEC CLCA Polyclonal Antibody
Product Gene Name	anti-CLCA antibody
Product Synonym Names	CLCA Antibody; H(+)/Cl(-; exchange transporter ClcA clcA eriC Ecok1_01470 APECO1_1830
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	50,404 Da
3D Structure	ModBase 3D Structure for A1A7K1
Immunogen	Recombinant Escherichia coli O1:K1 / APEC clcA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CLCA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CLCA antibody	MBS7167179 is an antibody targeting CLCA. Also known as Rabbit anti-Escherichia coli O1:K1/APEC CLCA Polyclonal Antibody. Reactive in E Coli O1:K1/APEC. Host: Rabbit.
Other Notes	Small volumes of anti-CLCA 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 CLCA. It may not necessarily be applicable to this product.

NCBI GI #	446768151
NCBI Accession #	WP_000845407.1
UniProt Primary Accession #	A1A7K1
GenBank Nucleotide #	WP_000845407.1
NCBI Official Full Name	MULTISPECIES: ClC family H(+)/Cl(-) exchange transporter

UniProt Protein Name	H(+)/Cl(-) exchange transporter ClcA
Protein Family	Chloride channel protein
UniProt Gene Name	clcA
UniProt Comments for CLCA	Proton-coupled chloride transporter. Functions as antiport system and exchanges two chloride ions for 1 proton. Probably acts as an electrical shunt for an outwardly-directed proton pump that is linked to amino acid decarboxylation, as part of the extreme acid resistance (XAR) response.
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