CBPA Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBPA, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O45:K1 (strain S88/ExPEC) CBPA Polyclonal Antibody
Product Gene Name	anti-CBPA antibody
Product Synonym Names	CBPA Antibody; Curved DNA-binding protein cbpA ECS88_1015
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O45:K1 (strain S88/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	34,485 Da
3D Structure	ModBase 3D Structure for B7MIE6
Immunogen	Recombinant Escherichia coli O45:K1 (strain S88 / ExPEC) cbpA protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CBPA antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-CBPA antibody	MBS7174001 is an antibody targeting CBPA. Also known as Rabbit anti-Escherichia coli O45:K1 (strain S88/ExPEC) CBPA Polyclonal Antibody. Reactive in E Coli O45:K1 (strain S88/ExPEC). Host: Rabbit.
Other Notes	Small volumes of anti-CBPA 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 CBPA. It may not necessarily be applicable to this product.

NCBI GI #	446342770
NCBI Accession #	WP_000420625.1
UniProt Primary Accession #	B7MIE6
GenBank Nucleotide #	WP_000420625.1
NCBI Official Full Name	MULTISPECIES: curved DNA-binding protein

UniProt Protein Name	Curved DNA-binding protein
Protein Family	Calcium-binding protein
UniProt Gene Name	cbpA
UniProt Comments for CBPA	DNA-binding protein that preferentially recognizes a curved DNA sequence. It is probably a functional analog of DnaJ; displays overlapping activities with DnaJ, but functions under different conditions, probably acting as a molecular chaperone in an adaptive response to environmental stresses other than heat shock. Lacks autonomous chaperone activity; binds native substrates and targets them for recognition by DnaK. Its activity is inhibited by the binding of CbpM.
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