KDPB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KDPB, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli O6:K15:H31 (strain 536/UPEC) KDPB Polyclonal Antibody
Product Gene Name	anti-KDPB antibody
Product Synonym Names	KDPB Antibody; Potassium-transporting ATPase ATP-binding subunit; EC 3.6.3.12; ATP phosphohydrolase [potassium-transporting] B chain; Potassium-binding and translocating subunit B; Potassium-translocating ATPase B chain; kdpB ECP_0716
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli O6:K15:H31 (strain 536/UPEC)
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	72,220 Da
3D Structure	ModBase 3D Structure for Q0TJY9
Immunogen	Recombinant Escherichia coli O6:K15:H31 (strain 536 / UPEC) kdpB protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KDPB antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-KDPB antibody	MBS7189507 is an antibody targeting KDPB. Also known as Rabbit anti-Escherichia coli O6:K15:H31 (strain 536/UPEC) KDPB Polyclonal Antibody. Reactive in E Coli O6:K15:H31 (strain 536/UPEC). Host: Rabbit.
Other Notes	Small volumes of anti-KDPB 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 KDPB. It may not necessarily be applicable to this product.

NCBI GI #	446010143
NCBI Accession #	WP_000087998.1
UniProt Primary Accession #	Q0TJY9
GenBank Nucleotide #	WP_000087998.1

NCBI Official Full Name	MULTISPECIES: potassium-transporting ATPase B chain
UniProt Protein Name	Potassium-transporting ATPase ATP-binding subunit
UniProt Synonym Protein Names	ATP phosphohydrolase [potassium-transporting] B chain
Protein Family	Potassium-transporting ATPase ATP-binding
UniProt Gene Name	kdpB
UniProt Entry Name	KDPB_ECOL5
UniProt Comments for KDPB	Part of the high-affinity ATP-driven potassium transport (or Kdp) system, which catalyzes the hydrolysis of ATP coupled with the electrogenic transport of potassium into the cytoplasm. This subunit is responsible for energy coupling to the transport system.
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