KATG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	KATG, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain 8739/DSM 1576/Crooks) KATG Polyclonal Antibody
Product Gene Name	anti-KATG antibody
Product Synonym Names	KATG Antibody; Catalase-peroxidase; CP; EC 1.11.1.21; Peroxidase/catalase; katG EcolC_4073
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain 8739/DSM 1576/Crooks)
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	80,024 Da
3D Structure	ModBase 3D Structure for B1IVD5
Immunogen	Recombinant Escherichia coli (strain 8739 / DSM 1576 / Crooks) katG protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-KATG antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-KATG antibody	MBS7184104 is an antibody targeting KATG. Also known as Rabbit anti-Escherichia coli (strain 8739/DSM 1576/Crooks) KATG Polyclonal Antibody. Reactive in E Coli (strain 8739/DSM 1576/Crooks). Host: Rabbit.
Other Notes	Small volumes of anti-KATG 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 KATG. It may not necessarily be applicable to this product.

NCBI GI #	481024616
NCBI Accession #	WP_001295695.1
UniProt Primary Accession #	B1IVD5
GenBank Nucleotide #	WP_001295695.1
NCBI Official Full Name	MULTISPECIES: catalase-peroxidase

UniProt Protein Name	Catalase-peroxidase
UniProt Synonym Protein Names	Peroxidase/catalase
Protein Family	Catalase-peroxidase
UniProt Gene Name	katG
UniProt Synonym Gene Names	CP
UniProt Comments for KATG	Bifunctional enzyme with both catalase and broad-spectrum peroxidase activity.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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