HYCG Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HYCG, Polyclonal Antibody
Full Product Name	Rabbit anti-Escherichia coli (strain K12) HYCG Polyclonal Antibody
Product Gene Name	anti-HYCG antibody
Product Synonym Names	HYCG Antibody; Formate hydrogenlyase subunit 7; FHL subunit 7; Hydrogenase-3 component G; hycG hevG b2719 JW2689
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	E Coli (strain K12)
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	27,999 Da
3D Structure	ModBase 3D Structure for P16433
Immunogen	Recombinant Escherichia coli (strain K12) hycG protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HYCG antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-HYCG antibody	MBS7153549 is an antibody targeting HYCG. Also known as Rabbit anti-Escherichia coli (strain K12) HYCG Polyclonal Antibody. Reactive in E Coli (strain K12). Host: Rabbit.
Other Notes	Small volumes of anti-HYCG 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 HYCG. It may not necessarily be applicable to this product.

NCBI GI #	16130626
NCBI GeneID	947191
NCBI Accession #	NP_417199.1
UniProt Primary Accession #	P16433
UniProt Secondary Accession #	Q2MAB0; Q46881

GenBank Nucleotide #	NC_000913.3
NCBI Official Full Name	hydrogenase 3 and formate hydrogenase complex, HycG subunit
NCBI Official Symbol	hycG
NCBI Official Synonym Symbols	ECK2714; hevG; JW2689
UniProt Protein Name	Formate hydrogenlyase subunit 7
UniProt Synonym Protein Names	Hydrogenase-3 component G
Protein Family	Formate hydrogenlyase
UniProt Gene Name	hycG
UniProt Synonym Gene Names	hevG; FHL subunit 7
NCBI Protein Information	hydrogenase 3 and formate hydrogenase complex, HycG subunit
NCBI Summary for HYCG	FhlA regulon. [More information is available at EcoGene: EG10480]. HycG has similarity to small subunits of hydrogenases and resembles one of the subunits of NADH:ubiquinone oxidoreductase of the respiratory chain . [More information is available at EcoCyc: EG10480].
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