HEL308 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HEL308, Polyclonal Antibody
Full Product Name	HEL308 Rabbit pAb
Product Gene Name	anti-HEL308 antibody
Product Synonym Names	HELQ
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	110kDa
OMIM	AF436845 mRNA
3D Structure	ModBase 3D Structure for Q8TDG4
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human HEL308 (NP_598375.2).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HEL308 antibody	Western Blot (WB)
Application Notes for anti-HEL308 antibody	WB: 1:1000-1:3000
Related Product Information for anti-HEL308 antibody	Single-stranded DNA-dependent ATPase and 5' to 3' DNA helicase (PubMed:11751861). Involved in the repair of DNA cross-links and double-strand break (DSB) resistance. Participates in FANCD2-mediated repair. Forms a complex with POLN polymerase that participates in homologous recombination (HR) repair and is essential for cellular protection against DNA cross-links (PubMed:19995904).
Other Notes	Small volumes of anti-HEL308 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.
Searchable Terms for HEL308 purchase	MBS8548416 is an antibody targeting HEL308. Also known as HEL308 Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HEL308. It may not necessarily be applicable to this product.

NCBI GI #	296434521
NCBI Accession #	Q8TDG4.2
UniProt Primary Accession #	Q8TDG4

NCBI Official Full Name	Helicase POLQ-like
UniProt Protein Name	Helicase POLQ-like
UniProt Synonym Protein Names	Mus308-like helicase; POLQ-like helicase
Protein Family	ATP-dependent DNA helicase
UniProt Gene Name	HELQ
UniProt Synonym Gene Names	HEL308
UniProt Comments for HEL308	HEL308: DNA-dependent ATPase and 5' to 3' DNA helicase. Belongs to the helicase family. SKI2 subfamily. 4 isoforms of the human protein are produced by alternative splicing. Protein type: EC 3.6.4.12; Helicase Chromosomal Location of Human Ortholog: 4q21.23 Cellular Component: nucleolus; nucleoplasm Biological Process: double-strand break repair via homologous recombination
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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