# HELQ Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | HELQ, Polyclonal Antibody |
| **Full Product Name** | HELQ Rabbit Polyclonal Antibody |
| **Product Gene Name** | anti-HELQ antibody |
| **Product Synonym Gene Name** | HELQ, HEL308 |
| **Product Synonym Names** | BH6842; Helicase POLQ-like (EC 3.6.4.12)(Mus308-like helicase)(POLQ-like helicase) |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Purity/Purification** | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| **Concentration** | 1mg/ml (lot specific) |
| **Specificity** | The antibody detects endogenous levels of human HELQ |
| **Preparation and Storage** | Store at -20 degree C/1 year |
| **Molecular Weight** | 15,330 Da |
| **OMIM** | AF436845 mRNA |
| **3D Structure** | ModBase 3D Structure for Q8TDG4 |
| **Immunogen** | Synthesized peptide derived from human HELQ |
| **Modification** | Unmodified/Total |
| **Applications Tested/Suitable for anti-HELQ antibody** | Western Blot (WB) |
| **Application Notes for anti-HELQ antibody** | WB: 1:1000-2000 |
| **Related Product Information for anti-HELQ antibody** | MBS9514825 is an antibody targeting HELQ. Also known as HELQ Rabbit Polyclonal Antibody. Reactive in Human, Mouse. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-HELQ 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 HELQ. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 296434521 |
| **NCBI GeneID** | 113510 |
| **NCBI Accession #** | Q8TDG4.2 |
| **UniProt Primary Accession #** | Q8TDG4 |

| | |
|---|---|
| **UniProt Secondary Accession #** | Q05DF9; Q502W9; Q659B8; Q6ZQX4; Q6ZTS4; Q96EX7 |
| **UniProt Related Accession #** | Q8TDG4 |
| **NCBI Official Full Name** | Helicase POLQ-like |
| **NCBI Official Synonym Full Names** | helicase, POLQ-like |
| **NCBI Official Symbol** | HELQ |
| **NCBI Official Synonym Symbols** | HEL308 |
| **UniProt Protein Name** | Helicase POLQ-like |
| **UniProt Synonym Protein Names** | Mus308-like helicase; POLQ-like helicase |
| **Protein Family** | Helicase |
| **UniProt Gene Name** | HELQ |
| **UniProt Synonym Gene Names** | HEL308 |
| **NCBI Protein Information** | helicase POLQ-like |
| **NCBI Summary for HELQ** | HEL308 is a single-stranded DNA-dependent ATPase and DNA helicase (Marini and Wood, 2002 [PubMed 11751861]).[supplied by OMIM, Mar 2008] |
| **UniProt Comments for HELQ** | 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.<br><br>Protein type: EC 3.6.4.12; Helicase<br><br>Chromosomal Location of Human Ortholog: 4q21.23<br><br>Cellular Component: nucleolus; nucleoplasm<br><br>Biological Process: double-strand break repair via homologous recombination |
| **Research Articles on HELQ** | **1.** Our results indicate that HELQ is not a major breast and ovarian cancer susceptibility gene in the Finnish population |
| **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. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-antibody/helq/9514825