ERH Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ERH, Polyclonal Antibody
Full Product Name	ERH, NT (ERH, Enhancer of rudimentary homolog) (MaxLight 405)
Product Gene Name	anti-ERH antibody
Product Synonym Names	ERH; Enhancer of rudimentary homolog
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	12,259 Da
OMIM	601191
3D Structure	ModBase 3D Structure for P84090
Immunogen	ERH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human ERH.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-ERH antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-ERH antibody	Western Blot (WB), FLISA
Application Notes for anti-ERH antibody	WB: 1:100-500 FLISA: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-ERH antibody	MaxLight405 is a new Violet photostable dye conjugate comparable to Alexa Fluor 405, PacificBlue, Brilliant Violet 421 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (400nm); Emission (423nm); Extinction Coefficient 32,000.
Product References and Citations for anti-ERH antibody	1. Lukasik, A., et al. FEBS J. 275(2):332-340(2008). 2. Zafrakas, M., et al. BMC Cancer 8, 145 (2008). 3. Jin, T., et al. Proteins 68(2):427-437(2007). 4. Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007). 5. Stelzl, U., et al. Cell 122(6):957-968(2005).
Other Notes	Small volumes of anti-ERH 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 ERH purchase	MBS6296508 is an antibody targeting ERH. Also known as ERH, NT (ERH, Enhancer of rudimentary homolog) (MaxLight 405). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	4758302
NCBI GeneID	2079
NCBI Accession #	NP_004441.1
UniProt Primary Accession #	P84090
UniProt Secondary Accession #	P70659; Q14259; B2R5H2
UniProt Related Accession #	P84090
GenBank Nucleotide #	NM_004450.2
NCBI Official Full Name	enhancer of rudimentary homolog
NCBI Official Synonym Full Names	enhancer of rudimentary homolog (Drosophila)
NCBI Official Symbol	ERH
NCBI Official Synonym Symbols	DROER
UniProt Protein Name	Enhancer of rudimentary homolog
Protein Family	Enhancer of rudimentary
UniProt Gene Name	ERH
UniProt Entry Name	ERH_HUMAN
NCBI Protein Information	enhancer of rudimentary homolog
UniProt Comments for ERH	ERH: May have a role in the cell cycle. Belongs to the E(R) family. Protein type: Unknown function Chromosomal Location of Human Ortholog: 14q24.1 Cellular Component: membrane; midbody Biological Process: osteoblast differentiation; nucleobase, nucleoside, nucleotide and nucleic acid metabolic process; cell cycle; pyrimidine nucleoside metabolic process
Research Articles on ERH	**1.** REVIEW: recent findings indicate that ERH plays an important role in cell cycle through its mRNA splicing activity and is critically required for genomic stability and cancer cell survival
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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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.

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