nhm1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	nhm1, Polyclonal Antibody
Full Product Name	Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) nhm1 Polyclonal Antibody
Product Gene Name	anti-nhm1 antibody
Product Synonym Names	nhm1 Antibody; m7GpppX diphosphatase; EC 3.6.1.59; Hint-related 7meGMP-directed hydrolase 1; Nuclear histidine triad; HIT; motif protein 1; Scavenger mRNA-decapping enzyme DcpS; nhm1 dcps SPBP4H10.20
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast)
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	35,107 Da
3D Structure	ModBase 3D Structure for Q9P7C9
Immunogen	Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) nhm1 protein
Conjugation	Non-conjugate
Modification	Unmodified
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-nhm1 antibody	ELISA (EIA), WB (Western Blot) (ensure identification of antigen)
Related Product Information for anti-nhm1 antibody	MBS9010459 is an antibody targeting nhm1. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) nhm1 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit.
Other Notes	Small volumes of anti-nhm1 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 nhm1. It may not necessarily be applicable to this product.

NCBI GI #	19112986
NCBI GeneID	2541340
NCBI Accession #	NP_596194.1
UniProt Primary Accession #	Q9P7C9

GenBank Nucleotide #	NM_001022113.2
NCBI Official Full Name	m7G(5')pppN diphosphatase (predicted)
NCBI Official Symbol	nhm1
UniProt Protein Name	m7GpppX diphosphatase
UniProt Synonym Protein Names	Hint-related 7meGMP-directed hydrolase 1; Nuclear histidine triad (HIT) motif protein 1; Scavenger mRNA-decapping enzyme DcpS
UniProt Gene Name	nhm1
UniProt Synonym Gene Names	dcps
NCBI Protein Information	m7G(5')pppN diphosphatase (predicted)
UniProt Comments for nhm1	Decapping scavenger enzyme that catalyzes the cleavage of a residual cap structure following the degradation of mRNAs by the 3'->5' exosome-mediated mRNA decay pathway. Hydrolyzes cap analog structures like 7-methylguanosine nucleoside triphosphate (m7GpppG) with up to 10 nucleotide substrates (small capped oligoribonucleotides) and specifically releases 5'-phosphorylated RNA fragments and 7-methylguanosine monophosphate (m7GMP). Has no activity towards mRNA molecules longer than 25 nucleotides. May also play a role in the 5'->3 mRNA decay pathway; m7GDP, the downstream product released by the 5'->3' mRNA mediated decapping activity, may be also converted by DCS1 to m7GMP. Inhibits mRNA translation. Binds to the m7GpppG cap analog.
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. 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-yeast-antibody/nhm1/9010459