YTHD3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YTHD3, Polyclonal Antibody
Full Product Name	YTHD3, ID (YTHDF3, YTH domain family protein 3) (MaxLight 750)
Product Gene Name	anti-YTHD3 antibody
Product Synonym Gene Name	YTHDF3
Product Synonym Names	YTHDF3; YTH domain family protein 3
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 MaxLight750.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	63,861 Da
3D Structure	ModBase 3D Structure for Q7Z739
Immunogen	YTHD3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 235~265 amino acids from the Central region of human YTHD3.
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-YTHD3 antibody	Antibodies; Proteins
Applications Tested/Suitable for anti-YTHD3 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-YTHD3 antibody	IHC: 1:50-100 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-YTHD3 antibody	MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (759nm); Emission (780nm); Extinction Coefficient 240,000.
Product References and Citations for anti-YTHD3 antibody	Simpson, J.C., et al. EMBO Rep. 1(3):287-292(2000).
Other Notes	Small volumes of anti-YTHD3 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 YTHD3 purchase	MBS6364400 is an antibody targeting YTHD3. Also known as YTHD3, ID (YTHDF3, YTH domain family protein 3) (MaxLight 750). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for YTHD3. It may not necessarily be applicable to this product.

NCBI GI #	481026555
NCBI GeneID	253943
NCBI Accession #	NP_001264742.1
UniProt Primary Accession #	Q7Z739
UniProt Secondary Accession #	Q63Z37; Q659A3; B3KXL4
UniProt Related Accession #	Q7Z739
GenBank Nucleotide #	NM_001277813.1
NCBI Official Full Name	YTH domain-containing family protein 3 isoform b
NCBI Official Synonym Full Names	YTH N(6)-methyladenosine RNA binding protein 3
NCBI Official Symbol	YTHDF3
UniProt Protein Name	YTH domain-containing family protein 3
UniProt Gene Name	YTHDF3
UniProt Entry Name	YTHD3_HUMAN
NCBI Protein Information	YTH domain-containing family protein 3
NCBI Summary for YTHD3	This gene encodes a member of the YTH (YT521-B homology) domain protein family. The YTH domain is common in eukaryotes, is often found in the middle of the protein sequence, and may function in binding to RNA. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]
UniProt Comments for YTHD3	YTHDF3: Specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs. M6A is a modification present at internal sites of mRNAs and some non-coding RNAs and plays a role in the efficiency of mRNA splicing, processing and stability Protein type: RNA-binding Chromosomal Location of Human Ortholog: 8q12.3 Molecular Function: protein binding
Research Articles on YTHD3	**1.** Includes a multi-species analysis of YTHDF family members.
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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