YTHDF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	YTHDF1, Polyclonal Antibody
Full Product Name	YTHDF1 Rabbit pAb
Product Gene Name	anti-YTHDF1 antibody
Product Synonym Names	C20orf21
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	61kDa
3D Structure	ModBase 3D Structure for Q9BYJ9
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human YTHDF1 (NP_060268.2).
Cellular Localization	Cytoplasm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-YTHDF1 antibody	Western Blot (WB)
Application Notes for anti-YTHDF1 antibody	WB: 1:500-1:2000
Related Product Information for anti-YTHDF1 antibody	Specifically recognizes and binds N6-methyladenosine (m6A)-containing mRNAs, and promotes mRNA translation efficiency (PubMed:24284625, PubMed:26046440, PubMed:26318451). 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 (PubMed:24284625). Acts as a regulator of mRNA translation efficiency: promotes ribosome loading to m6A-containing mRNAs and interacts with translation initiation factors eIF3 (EIF3A or EIF3B) to facilitate translation initiation (PubMed:26046440).
Other Notes	Small volumes of anti-YTHDF1 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 YTHDF1 purchase	MBS8548897 is an antibody targeting YTHDF1. Also known as YTHDF1 Rabbit pAb. Reactive in Human, Mouse. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for YTHDF1. It may not necessarily be applicable to this product.

NCBI GI #	31377750
NCBI Accession #	NP_060268.2

UniProt Primary Accession #	Q9BYJ9
GenBank Nucleotide #	NP_060268.2
NCBI Official Full Name	YTH domain-containing family protein 1
UniProt Protein Name	YTH domain family protein 1
UniProt Synonym Protein Names	Dermatomyositis associated with cancer putative autoantigen 1
Protein Family	YTH domain-containing family protein
UniProt Gene Name	YTHDF1
UniProt Synonym Gene Names	C20orf21; DACA-1
UniProt Entry Name	YTHD1_HUMAN
UniProt Comments for YTHDF1	YTHDF1: 2 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding Chromosomal Location of Human Ortholog: 20q13.33
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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