

Rabbit anti-Human YTHDF1 Polyclonal Antibody | anti-YTHDF1 antibody

YTHDF1 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60354	Rabbit	Human	Western Blot, Immunoprecipitation

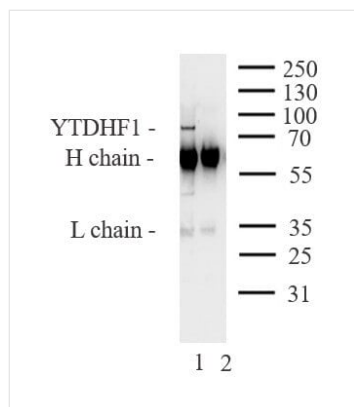
PRODUCT SYNONYMS

YTHDF1; Polyclonal Antibody; YTHDF1 antibody (pAb); YTHDF1 pAb; YTH N6-Methyladenosine RNA Binding Protein 1; anti-YTHDF1 antibody

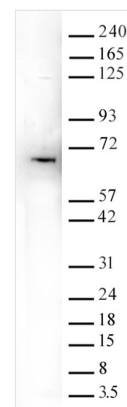
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified IgG in PBS, 30% glycerol, 0.035% Azide. Sodium Azide is highly toxic.
Applicable Applications for anti-YTHDF1 antibody	WB (Western Blot), IP (Immunoprecipitation)
Immunogen	This YTHDF1 antibody was raised against a fusion protein with His-tags at the C-terminus.
Preparation and Storage	Store at -20 degree C. Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-YTHDF1 antibody	YTHDF1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot; it has been shown to react with Human samples. N6-methylated adenine (m6A) is prevalently present in nearly all RNA types and can be found in all organisms from bacteria to humans. It preferentially appears around stop codons and within long internal exons in mammalian messenger RNAs. m6A plays an important role in the efficiency of mRNA splicing, processing, translation efficiency, editing and mRNA stability. m6A also takes place in other RNA molecules, such as primary miRNA (pri-miRNAs). YTHDF1 (YT521-B homology domain family 1, also known as C20orf21, DACA-1) is a member of the YTH (YT521-B homology) superfamily containing YTH domain. Human YTH domain family proteins include three members, YTHDF1-3, which mainly localized in the cytoplasm. YTHDF proteins comprise a highly conserved single-stranded RNA-binding domain which specifically recognizes and binds m6A-containing RNAs. A important role of YTHDF1 is regulating mRNA translation efficiency. YTHDF1 promotes ribosome loading to m6A-containing mRNAs and interacts with translation initiation factors eIF3 (EIF3A or EIF3B) to facilitate translation initiation.
Product Categories/Family for anti-YTHDF1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	31377750
NCBI GeneID	54915
NCBI Accession #	NP_060268.2
NCBI GenBank Nucleotide #	NM_017798.3
UniProt Accession #	Q9BYJ9 ; Q8N3G5 ; Q8TBT1 ; Q96AN4 ; Q96S57 ; Q9BTI7 ; Q9NX79
Molecular Weight	60,874 Da
NCBI Official Full Name	YTH domain family protein 1
NCBI Official Synonym Full Names	YTH domain family, member 1
NCBI Official Symbol	YTHDF1
NCBI Official Synonym Symbols	C20orf21
NCBI Protein Information	YTH domain family protein 1; DACA-1; YTH domain family 1; dermatomyositis associated with cancer putative autoantigen 1
UniProt Protein Name	YTH domain family protein 1
UniProt Gene Name	YTHDF1
UniProt Synonym Gene Names	C20orf21; DACA-1
UniProt Entry Name	YTHD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ythdf1-antibody-western-blot-immunoprecipitation-elisa/60354>