

Rabbit anti-Human YTHDC1/YT521 Polyclonal Antibody | anti-YTHDC1/YT521 antibody

Rabbit anti-YTHDC1/YT521 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213099	Rabbit	Human	Immunoprecipitation, Western Blot

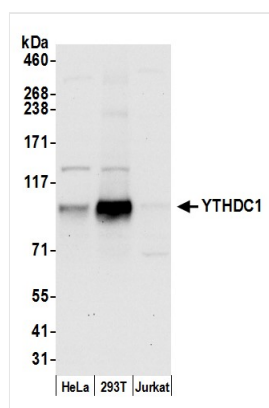
PRODUCT SYNONYMS

YTHDC1/YT521; Polyclonal Antibody; Rabbit anti-YTHDC1/YT521 Antibody; Affinity Purified; YTH domain-containing protein 1; putative splicing factor YT521; splicing factor YT521; splicing factor YT521-B; YT521; YT521-B; YTH domain containing 1; anti-YTHDC1/YT521 antibody

PRODUCT SPECIFICATIONS

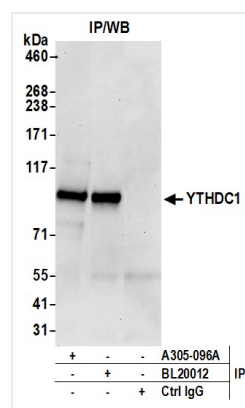
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-YTHDC1/YT521 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 50 and 100
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human YTHDC1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-YTHDC1 antibody AAA213099 (lot AAA213099-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human YTHDC1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-YTHDC1 antibody AAA213099 (lot AAA213099-1) used for IP at 6 ug per reaction. YTHDC1 was also immunoprecipitated by rabbit anti-YTHDC1 antibody BL20012. For blotting immunoprecipitated YTHDC1, AAA213099 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-YTHDC1/YT521 antibody	YTH domain-containing protein 1, encoded by the gene YTHDC1, specifically recognizes and binds N6-methyladenosine (m6A)-containing RNAs and regulates alternative splice site selection [taken from UniProtKB (Entry: Q96MU7)].
Product Categories/Family for anti-YTHDC1/YT521 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	94536805
NCBI GeneID	91746
NCBI Accession #	NP_588611.2
NCBI GenBank Nucleotide #	NM_133370.2
UniProt Accession #	Q96MU7; Q4W5Q3; Q7Z622; Q8TF35
Molecular Weight	82,692 Da
NCBI Official Full Name	YTH domain-containing protein 1 isoform 2
NCBI Official Synonym Full Names	YTH domain containing 1
NCBI Official Symbol	YTHDC1
NCBI Official Synonym Symbols	YT521; YT521-B
NCBI Protein Information	YTH domain-containing protein 1
UniProt Protein Name	YTH domain-containing protein 1
UniProt Gene Name	YTHDC1
UniProt Synonym Gene Names	KIAA1966; YT521; YT521-B
UniProt Entry Name	YTDC1_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://stage.aaabiotech.com/polyclonal/ythdc1-yt521-antibody-immunoprecipitation-western-blot-elisa/213099>