

Rabbit anti-Human YTHDF2 Polyclonal Antibody | anti-Mrpl52 antibody

YTHDF2 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283184	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

YTHDF2; Polyclonal Antibody; YTHDF2 Rabbit pAb; DF2; CAHL; HGRG8; NY-REN-2; anti-Mrpl52 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.
Sequence	STQSSGYSSN YAYAPSSLGG AMIDGQSAFA NETLNKAPGM NTIDQGMAAL KLGSTEVASN VPKVVGSAVG SGSITSNIVA SNSLPPATIA PPKPASWADI A
Applicable Applications for anti-Mrpl52 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 143-243AA of human YTHDF2 (NP_001166599.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



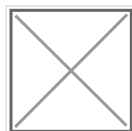
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using YTHDF2 Rabbit pAb (AAA283184) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



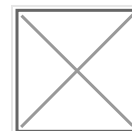
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using YTHDF2 Rabbit pAb (AAA283184) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human lung cancer using YTHDF2 Rabbit pAb (AAA283184) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon using YTHDF2 Rabbit pAb (AAA283184) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using YTHDF2 Rabbit pAb (AAA283184) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.

ADDITIONAL INFORMATION

Related Product Information for anti-Mrpl52 antibody	This gene encodes a member of the YTH (YT521-B homology) superfamily containing YTH domain. The YTH domain is typical for the eukaryotes and is particularly abundant in plants. The YTH domain is usually located in the middle of the protein sequence and may function in binding to RNA. In addition to a YTH domain, this protein has a proline rich region which may be involved in signal transduction. An Alu-rich domain has been identified in one of the introns of this gene, which is thought to be associated with human longevity. In addition, reciprocal translocations between this gene and the Runx1 (AML1) gene on chromosome 21 has been observed in patients with acute myeloid leukemia. This gene was initially mapped to chromosome 14, which was later turned out to be a pseudogene. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Product Categories/Family for anti-Mrpl52 antibody	Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	290543591
NCBI GeneID	51441
NCBI Accession #	NP_001166299.1
NCBI GenBank Nucleotide #	NM_001172828.1
UniProt Accession #	Q9Y5A9; Q5VSZ9; Q8TDH0; Q9BUJ5; A6NKG4; A8K966; B4E1G7; D3DPM8
Molecular Weight	Calculated MW: 62kDa Observed MW: 65kDa
UniProt Protein Name	YTH domain-containing family protein 2
UniProt Gene Name	YTHDF2
UniProt Synonym Gene Names	HGRG8
UniProt Entry Name	YTHD2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ythdf2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/283184>