YTHDF2 antibody (rAb), 100 µg

Catalog No: 91753
Clone: 3L6
Application(s): WB
Reactivity: Human, Mouse, Rat

Quantity: 100 µg
Purification: Protein A Chromatography
Host: Rabbit
Isotype: IgG
Molecular Weight: 62 kDa

Background: YTHDF2 (YT521-B homology domain family 2, also known as CAHL, HGRG8, NY-REN-2) 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 contain a highly conserved single-stranded RNA-binding domain which can specifically recognize and bind m6A-containing RNAs. An important role of YTHDF2 is in regulating mRNA stability. YTHDF2 recognizes many m6A-containing mRNAs that are not being actively translated and recruits them to cytoplasmic processing (P) bodies for degradation. YTHDF2 preserves 5′UTR methylation of stress- induced transcripts and promotes cap-independent mRNA translation by competitive binding and limiting the m6A ‘eraser’ FTO from demethylation.

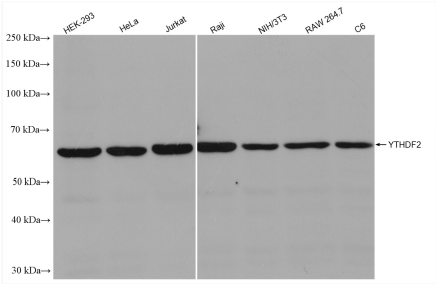
Immunogen: This antibody was raised against the YTHDF2 fusion protein.

Buffer: Purified IgG in PBS, pH 7.3, with 50% glycerol and 0.02% sodium azide. Sodium azide is highly toxic.

Application Notes:
Applications Validated by Active Motif:
WB: 1:5000-1:50000 dilution

Storage and Guarantee: 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°C for up to 2 years. Keep all reagents on ice when not in storage. This product is guaranteed for 12 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.



YTHDF2 antibody (rAb) tested by Western blot.
Detection of YTHDF2 by Western blot analysis using various lysates and probed with YTHDF2 antibody at 1:10000 dilution.