# antibodies - online.com







# anti-YTHDF2 antibody (C-Term)



Image



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Quantity:	100 μL
Target:	YTHDF2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This YTHDF2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human YTHDF2
Sequence:	
Sequence.	QEVPLEKAKQ VLKIIASYKH TTSIFDDFSH YEKRQEEEES VKKERQGRGK
Predicted Reactivity:	QEVPLEKAKQ VLKIIASYKH TTSIFDDFSH YEKRQEEEES VKKERQGRGK  Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
•	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Predicted Reactivity: Characteristics:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against YTHDF2. It was validated on Western Blot.
Predicted Reactivity:  Characteristics:  Purification:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%  This is a rabbit polyclonal antibody against YTHDF2. It was validated on Western Blot.

#### Target Details

Background:
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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 chromosme 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.

Alias Symbols: HGRG8, NY-REN-2

Protein Interaction Partner: UBC, RPA3, RPA2, RPA1, RNF2, BMI1, EIF3H, EIF3A, FBX06, TARDBP, HIPK4, VCAM1, FN1, EPAS1, ESR1, APP, SMAD3, CAND1, CUL3, ELAVL1, POT1,

MEPCE, HNRNPH1, HNRNPA1,

Protein Size: 579

Molecular Weight:	62 kDa
Gene ID:	51441
NCBI Accession:	NM_016258, NP_057342
UniProt:	Q9Y5A9

#### **Application Details**

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 579 AA
Restrictions:	For Research Use only

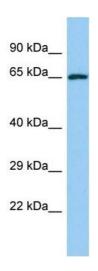
### Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

### Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
torage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in sm aliquots to prevent freeze-thaw cycles.	

## **Images**



### **Western Blotting**

Image 1. Host: Rabbit Target Name: YTHDF2 Sample Type: Jurkat Whole Cell lysates Antibody Dilution: 1.0ug/ml YTHDF2 is supported by BioGPS gene expression data to be expressed in Jurkat