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Datasheet for ABIN2790892
anti-YTHDF2 antibody (C-Term)

1 Image

Overview

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:	QEVPLEKAKQ VLKIIASYKH TTSIFDDFSH YEKRQEEEEES VKKERQGRGK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against YTHDF2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	YTHDF2
Alternative Name:	YTHDF2 (YTHDF2 Products)

Target Details

Background: 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.

Alias Symbols: HGRG8, NY-REN-2

Protein Interaction Partner: UBC, RPA3, RPA2, RPA1, RNF2, BMI1, EIF3H, EIF3A, FBXO6, 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

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small 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