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anti-YTHDF2 antibody (C-Term)





Overview		
Quantity:	100 μL	
Target:	YTHDF2	
Binding Specificity:	C-Term	
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Goat, Guinea Pig, Zebrafish (Danio rerio)	
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:	WSQDKWKGRF DVRWIFVKDV PNSQLRHIRL ENNENKPVTN SRDTQEVPLE	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against YTHDF2. It was validated on Western Blot.	
Purification:	Affinity Purified	
Target Details		
Target:	YTHDF2	

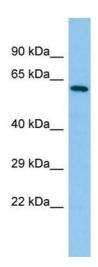
Target Details

Alternative Name:	YTHDF2 (YTHDF2 Products)	
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 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: 529	
Molecular Weight:	58 kDa	
Gene ID:	51441	
NCBI Accession:	NM_016258, NP_057342	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 529 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: MCF7 Whole Cell lysates Antibody Dilution: 1.0ug/ml