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anti-RTCD1 antibody (N-Term)

2 Images



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Quantity:	100 μL	
Target:	RTCD1	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse, Rat, Guinea Pig, Rabbit, Cow, Dog, Horse, Zebrafish (Danio rerio)	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RTCD1 antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RTCD1	
Sequence:	VQKIRAGRST PGLRPQHLSG LEMIRDLCDG QLEGAEIGST EITFTPEKIK	
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%	
Characteristics:	This is a rabbit polyclonal antibody against RTCD1. It was validated on Western Blot using a cell lysate as a positive control.	
Purification:	Affinity Purified	
Target Details		

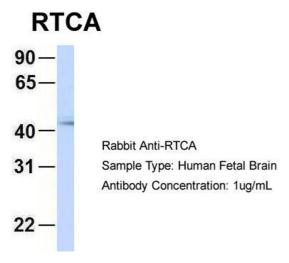
Target Details

Alternative Name:	RTCD1 (RTCD1 Products)	
Background:	RNA 3-prime-terminal phosphate cyclase catalyzes the ATP-dependent conversion of a 3-prime	
	phosphate to a 2-prime,3-prime-cyclic phosphodiester at the end of RNA.RNA 3-prime-terminal	
	phosphate cyclase (RPC, EC 6.5.1.4) catalyzes the ATP-dependent conversion of a 3-prime	
	phosphate to a 2-prime,3-prime-cyclic phosphodiester at the end of RNA (Genschik et al., 1997	
	[PubMed 9184239]).[supplied by OMIM]. Sequence Note: removed 1 base from the 3' end that	
	did not align to the reference genome assembly. PRIMARYREFSEQ_SPAN	
	PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1538 Y11651.1 1-1538	
	Alias Symbols: RPC, RTC1, RTCD1	
	Protein Interaction Partner: UBC, ZC3HAV1, CAND1, USP45, RTCA, BCKDK, DDX21, RPL23A,	
	RPL21, RPL18A, FBL,	
	Protein Size: 366	
Molecular Weight:	39 kDa	
Gene ID:	8634	
NCBI Accession:	NM_003729, NP_003720	
UniProt:	000442	
Application Details		
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.	
Comment:	Antigen size: 366 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	
	should be handled by trained staff only.	

Handling

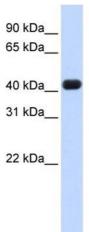
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small
	aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. Host: Rabbit Target Name: RTCA Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-RTCD1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human heart