

Datasheet for ABIN2781066 anti-RRN3 antibody (Middle Region)



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Overview

Quantity:	100 µL
Target:	RRN3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RRN3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RRN3
Sequence:	DPIYQVWEDM SAEELQEFKK PMKKDIVEDE DDDFLKGEVP QNDTVIGITP
Predicted Reactivity:	Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against RRN3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RRN3
Alternative Name:	RRN3 (RRN3 Products)

Target Details

Background:	<p>RRN3 is RNA polymerase I-specific transcription initiation factor. Phosphorylation of RRN3 by MAPK cascades links cell signaling with the control of gene expression, namely results in rRNA synthesis in turn cell growth.</p> <p>Alias Symbols: DKFZp566E104, MGC104238, TIFIA, A-270G1.2</p> <p>Protein Interaction Partner: UBC, ACTA1, Polr1e, POLR1B, EIF3L, NMI, RBM15, UBD, Trim28, ELAVL1, TAF1D, POLR1A, MYO1C, TAF1C, TAF1B, TAF1A, UBTF, TBP, PPP2R2A, CDK2, CCNE1, RIBIN, ACTB,</p> <p>Protein Size: 651</p>
Molecular Weight:	74 kDa
Gene ID:	54700
NCBI Accession:	NM_018427 , NP_060897
UniProt:	Q9NYV6
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 651 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 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

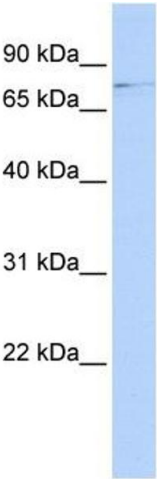
Handling

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Gerhard, Wagner, Feingold, Shenmen, Grouse, Schuler, Klein, Old, Rasooly, Good, Guyer, Peck, Derge, Lipman, Collins, Jang, Sherry, Feolo, Misquitta, Lee, Rotmistrovsky, Greenhut, Schaefer, Buetow et al.: "The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). ..." in: **Genome research**, Vol. 14, Issue 10B, pp. 2121-7, (2004) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-RRN3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Hela cell lysate RRN3 is supported by BioGPS gene expression data to be expressed in HeLa