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Datasheet for ABIN7142340 anti-ERI1 antibody (AA 2-66) (Biotin)



Overview

Quantity:	100 µg
Target:	ERI1
Binding Specificity:	AA 2-66
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERI1 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human 3\'-5\' exoribonuclease 1 protein (2-66AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ERI1
Alternative Name:	ERI1 (ERI1 Products)
Background:	Background: RNA exonuclease that binds to the 3\'-end of histone mRNAs and degrades them,
	suggesting that it plays an essential role in histone mRNA decay after replication. A 2\' and 3\'-

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hydroxyl groups at the last nucleotide of the histone 3\'-end is required for efficient degradation
of RNA substrates. Also able to degrade the 3\'-overhangs of short interfering RNAs (siRNAs) in
vitro, suggesting a possible role as regulator of RNA interference (RNAi). Requires for binding
the 5\'-ACCCA-3\' sequence present in stem-loop structure. Able to bind other mRNAs.
Required for 5.8S rRNA 3\'-end processing. Also binds to 5.8s ribosomal RNA. Binds with high
affinity to the stem-loop structure of replication-dependent histone pre-mRNAs.
Aliases: 3' 5' exonuclease ERI 1 antibody, 3' 5' exonuclease ERI1 antibody, 3' EXO antibody, 3'
exoribonuclease antibody, 3' HEXO antibody, 3' histone mRNA exonuclease 1 antibody, 3"-5"
exonuclease eri1 antibody, 3"-5" exoribonuclease 1 antibody, 3'EXO antibody, 3'HEXO antibody,
ERI 1 antibody, Eri 1 homolog antibody, Eri-1 homolog antibody, eri1 antibody, Eri1 homolog
antibody, ERI1_HUMAN antibody, HEXO antibody, Histone mRNA 3' end specific exonuclease
antibody, Histone mRNA 3' end specific exoribonuclease antibody, Histone mRNA 3"-end-
specific exoribonuclease antibody, Histone mRNA 3"-exonuclease 1 antibody, MGC35395
antibody, Protein 3"hExo antibody, THEX 1 antibody, THEX1 antibody, Three prime histone
mRNA exonuclease 1 antibody

UniProt:

Q8IV48

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.