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## Datasheet for ABIN7142342 **anti-ERI1 antibody (AA 2-66) (HRP)**

### Overview

Quantity:	100 µg
Target:	ERI1
Binding Specificity:	AA 2-66
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERI1 antibody is conjugated to HRP
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 ( <a href="#">ERI1 Products</a> )
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\'-

## Target Details

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.