

## ERI1 Polyclonal Antibody

Catalog No :	YT1621
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	ERI1
Gene Name :	ERI1
Protein Name :	3'-5' exoribonuclease 1
Human Gene Id :	90459
Human Swiss Prot	Q8IV48
No:	
Mouse Gene Id :	6/2/6
Mouse Swiss Prot	Q7TMF2
Rat Gene Id :	361159
Rat Swiss Prot No :	Q5FVR4
Immunogen :	The antiserum was produced against synthesized peptide derived from human ERI1. AA range:261-310
Specificity :	ERI1 Polyclonal Antibody detects endogenous levels of ERI1 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. ELISA: 1:5000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen.



Best Tools for immunology Research		
<b>Concentration :</b>	1 mg/ml	
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)	
<b>Observed Band :</b>	37kD	
Background :	cofactor:Binds 2 magnesium ions per subunit.,enzyme regulation:Although it can bind simultaneously with SLBP to the 3'-end of histone mRNA, the presence of SLBP prevents the exonuclease activity.,function:RNA exonuclease that binds to	
	the 3'-end of histone mRNAs and probably degrades them, suggesting that it plays an essential role in histone mRNA decay after replication. Also able to degrade the 3'-overhangs of short interfering RNAs (siRNAs) in vitro, suggesting a possible role as regulator of RNA interference (RNAi). Required for 5.8S rRNA 3'-end processing.,sequence caution:Translated as Leu.,similarity:Contains 1 exonuclease domain.,similarity:Contains 1 SAP domain.,subunit:Binds with high affinity to the stem-loop structure of replication-dependent histone pre-mRNAs. Requires the 5'-ACCCA-3' sequence present in stem-loop structure. Able to bind other mRNAs. Binds to 40S and 60S ribosomal subunits and to 80S assembled ribosomes. Also binds to 5.8s ribosomal RNA.,	
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Subcellular Location :	Cytoplasm . Nucleus . Nucleus, nucleolus .	
Expression :	Testis,	
Sort :	5732	
No4 :	1	

## Products Images





ERI1

85-

48-

34-

26-

19-

Western blot analysis of ERI1 Antibody. The lane on the right is blocked with the ERI1 peptide.

Western blot analysis of the lysates from HUVECcells using ERI1 antibody.