



ERI1 Monoclonal Antibody

Catalog No	YP-mAb-01703
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ERI1
Immunogen	The antiserum was produced against synthesized peptide derived from human ERI1. AA range:261-310
Specificity	ERI1 Monoclonal Antibody detects endogenous levels of ERI1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	HEXO;Eri-1 homolog;ERI 1;EC:3.1.-.-;3'EXO;ERI1;3'-5' exoribonuclease 1; THEX1;3'-5' exonuclease ERI1;Histone mRNA 3'-end-specific exoribonuclease; Histone mRNA 3'-exonuclease 1;Protein 3'hExo
Observed Band	37kD
Calculated Molecular Weight	37kD
Cell Pathway	Cytoplasm . Nucleus . Nucleus, nucleolus .
Tissue Specificity	Testis,
Function	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.



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Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ERI1
Monoclonal Antibody

