



ERI1 Monoclonal Antibody

BYmab-01703
IgG
Human;Mouse;Rat
WB
ERI1
3'-5' exoribonuclease 1
The antiserum was produced against synthesized peptide derived from human ERI1. AA range:261-310
ERI1 Monoclonal Antibody detects endogenous levels of ERI1 protein.
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Monoclonal, Mouse,IgG
The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
WB 1:500-2000
1 mg/ml
≥90%
-20°C/1 year
ERI1; 3'EXO; THEX1; 3'-5' exoribonuclease 1; 3'-5' exonuclease ERI1; Eri-1 homolog; Histone mRNA 3'-end-specific exoribonuclease; Histone mRNA 3'-exonuclease 1; Protein 3'hExo; HEXO
37kD
Cytoplasm . Nucleus . Nucleus, nucleolus .
Testis,

Nanjing BYabscience technology Co.,Ltd



Background

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affinity to the stem-loop structure of replication-dependent histone pre-	-mRNAs.
Requires the 5'-ACCCA-3' sequence present in stem-loop structure. A	ble to bind
other mRNAs. Binds to 40S and 60S rib	

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.,

matters needing attention

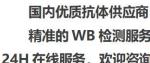
Avoid repeated freezing and thawing!

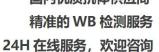
This product can be used in immunological reaction related experiments. For Usage suggestions more information, please consult technical personnel.

Products Images

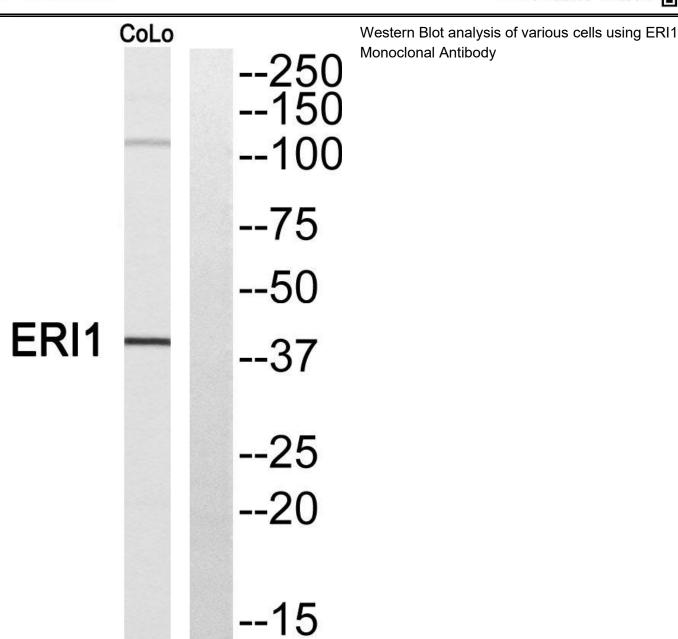
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