

产品名称: ERI1 Rabbit Polyclonal Antibody
产品货号: AP Rab10591



产品概述 (Summary)

产品名称 (Production Name)	ERI1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	ERI1 ERI1; 3'EXO; THEX1; 3'-5' exoribonuclease 1; 3'-5' exonuclease ERI1; Eri-1
别名 (Alternative Names)	homolog; Histone mRNA 3'-end-specific exoribonuclease; Histone mRNA 3'-exonuclease 1; Protein 3'hExo; HEXO
基因 ID (Gene ID)	90459.0
蛋白 ID (SwissProt ID)	Q8IV48.The antiserum was produced against synthesized peptide derived from human ERI1. AA range:261-310

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	37kDa

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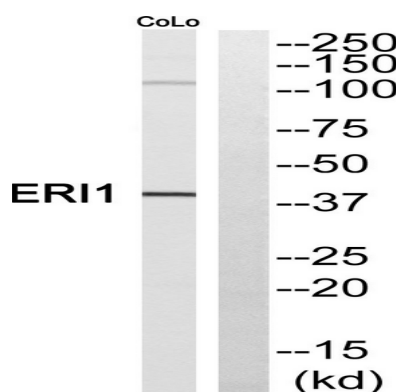


研究背景 (Background)

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, 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,

研究领域 (Research Area)

图片 (Image Data)



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

注意事项 (Note)

For research use only.

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