

ERI1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03054
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ERI1. AA range:261-310
Mol wt	40064
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ERI1 Antibody
Synonyms	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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ERI1, also named as HEXO, 3'HEXO and THEX1, contains one exonuclease domain and one SAP domain. The SAP domain is necessary for binding to the stem-loop structure of histone mRNAs and to form the ternary complex with SLBP, but not for 3'-end histone mRNA exonuclease activity. It is a 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. It is able to bind other mRNAs. ERI1 is required for 5. S rRNA 3'-end processing. It also binds to 5. s ribosomal RNA. ERI1 binds with high affinity to the stem-loop structure of replication-dependent histone pre-mRNAs.

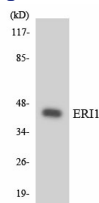
Recommended Dilution

WB: 1: 500 - 1: 2000

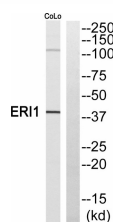
ELISA: 1: 5000

Not yet tested in other applications.

Images



Western blot analysis of the lysates from HUVEC cells using ERI1 antibody.



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

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com