

ERI1 antibody

Product Information

Catalog No.:	FNab02843
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

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. A 2' and 3'-hydroxyl groups at the last nucleotide of the histone 3'-end is required for efficient degradation of RNA substrates. Also able to degrade the 3'-overhangs of short interfering RNAs(siRNAs) in vitro, suggesting a possible role as regulator of RNA interference(RNAi). Requires for binding the 5'-ACCCA-3' sequence present in stem-loop structure. Able to bind other mRNAs. Required for 5.8S rRNA 3'-end processing. Also binds to 5.8s ribosomal RNA. Binds with high affinity to the stem-loop structure of replication-dependent histone pre-mRNAs.

Immunogen information

Immunogen:	exoribonuclease 1
Synonyms:	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) ERI1 3'EXO THEX1
Observed MW:	46 kDa
Uniprot ID :	Q8IV48

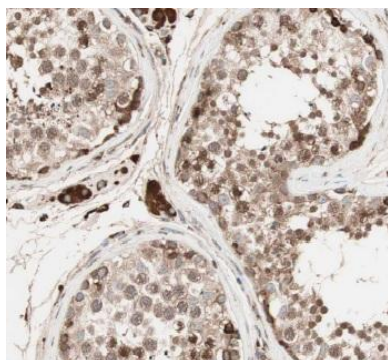
Application

Reactivity:	Human, Mouse, Rat
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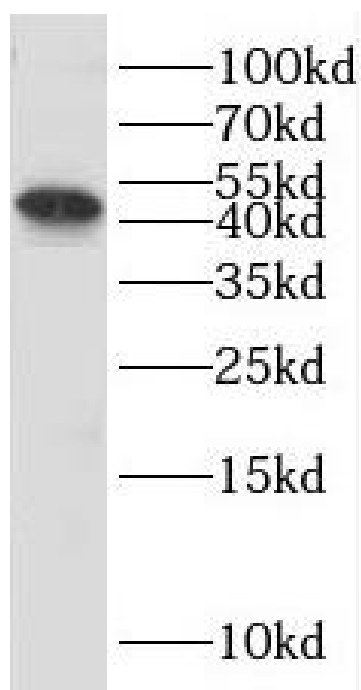
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab02843(ER11 antibody) at dilution of 1:50



K-562 cells were subjected to SDS PAGE followed by western blot with FNab02843(ER11 antibody) at dilution of 1:1000