



## ERI1 Polyclonal Antibody

Cat #: ABP56940

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> ERI1 Polyclonal Antibody		
	<b>Applications:</b> WB, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human, Mouse, Rat		
<b>REF</b>	<b>Catalog Number:</b> ABP56940	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**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.

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.