SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-EBP2 antibody

Catalog Number: SL14495R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EBP2
Immunogen:	KLH conjugated synthetic peptide derived from human EBP2 : 201-300/306
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat)
Predicted MW.:	36kDa
Subcellular Location:	The nucleus
Background:	The replication and stable maintenance of latent Epstein-Barr virus DNA episomes in human cells requires only one viral protein, Epstein-Barr nuclear antigen 1 (EBNA1). EBNA1 binding protein 2, also designated p40/EBP2, is a nuclear protein required for the processing of the 27S pre-rRNA. EBP2 is highly conserved across species and is ubiquitously expressed in human tissues, especially myelogenous leukemia K-562. EBP2 specifically interacts with EBNA1, supporting the long-term maintenance of Epstein-Barr virus plasmids in human cells. The EBNA1-EBP2 complex is important for the stable segregation of Epstein-Barr virus episomes during cell division. **Function:** Required for the processing of the 27S pre-rRNA **Subcellular Location:** Nucleus > nucleolus. **Tissue Specificity:** Ubiquitous. **Similarity:** Belongs to the EBP2 family. **Database links:** **Entrez Gene:** 10969 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Omim: 614443 Human **SwissProt:** Q99848 Human **Unigene:** 346868 Human

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