SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-EBNA 3C antibody

Catalog Number: SL14494R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	EBNA 3C
Immunogen:	KLH conjugated synthetic peptide derived from human EBNA 3C: 901-992/992
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 Herpesvirus 4)
Predicted MW.:	109kDa
Background:	EBNA 3C is a latent viral nuclear protein expressed in EBV transformed lymphoblastic cell lines and is essential for EBV mediated transformation of these cell lines. This viral nuclear protein is essential for EBV mediated positive immunoblastic lymphomas, and functions as a transcription factor. **Function:** Plays an essential role for the activation and mmortalization of human B-cells. Represses transcription of viral romoters TP1 and Cp through interaction with host RBPJ, and nhibits EBNA2-mediated activation of these promoters. Since Cp is he promoter for all EBNA mRNAs, EBNA6 probably contributes to a egative autoregulatory control loop. Alternatively, EBNA6 also egulates the transcription of the EBV oncogene LMP1 in a cell ycle-dependent manner. It modulates the activity of several host roteins involved in cell cycle regulation including host cyclin A, YC, RB and p27 mainly through binding to the host SCF(SKP2) omplex. **Subunit:** Interacts with host CTPB1; this interaction seems mportant for EBNA6-mediated transcriptional repression. Interacts ith host MYC; this

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	interaction enhances MYC stability. Interacts via N-terminus) with host RBPJ. **Subcellular Location:** Host nucleus matrix. Note=Associated with he nuclear matrix. **Similarity:** Belongs to the herpesviridae EBNA-6 family. **Database links:** **Entrez Gene:** 3783763 Human **SwissProt:** P03204 human

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