



Rabbit Anti-EBNA 3A antibody

SL0820R

Product Name:	EBNA 3A
Chinese Name:	EB病毒核抗原-3A抗体
Alias:	nuclear antigen EBNA-3; Epstein-Barr nuclear antigen 3; EBV nuclear antigen 3; EBNA-3; Epstein-Barr nuclear antigen 3A; EBV nuclear antigen 3A; EBNA-3A; Epstein Barr Virus; EBV-NA3; EBNA3_EBVG.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	EBV/HHV4
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	103kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Human herpesvirus 4 EBNA 3A:301-400/23
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	EBNA3A is a latent viral nuclear protein expressed in Epstein Barr Virus (EBV) transformed lymphoblastic cell lines. It is also found in some immunoblastic lymphomas in vivo. This viral nuclear protein is essential for EBV mediated transformation of B lymphocytes. The EBNA3A functions as a transcriptional regulator though the target genes are currently unknown.

Function:

Plays an essential role for activation and immortalization of human B-cells. Represses transcription of viral promoters TP1 and Cp through interaction with host RBPJ, and inhibits EBNA2-mediated activation of these promoters. Since Cp is the promoter for all EBNA mRNAs, EBNA3A probably contributes to a negative autoregulatory control loop.

Subunit:

Interacts with human UCKL1. Interacts with host CTPB1; this interaction seems important for EBNA3-mediated transcriptional repression. Interacts with host RBPJ.

Subcellular Location:

Host nucleus matrix. Note=Associated with the nuclear matrix.

Similarity:

Belongs to the herpesviridae EBNA-3 family.

SWISS:

Q3KST2

Gene ID:

3783762

Database links:

[Entrez Gene: 3783762](#) EBVG

[SwissProt: Q3KST2](#) EBVG

Important Note:

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

EB病毒核抗原-3(nuclear antigen EBNA-3)是EB病毒编码核蛋白, 位于The nucleus的新的酶聚合体, 主要作为transcriptional regulatory factor, 指导蛋白与蛋白之间相互作用, 为核糖核苷酸补救途径的一部分.