

Rabbit Anti-EBNA 3A antibody

SL0820R

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| 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. |
| Research Area | transcriptional regulatory factor Bacteria and viruses |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:EBV/HHV4) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair) |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Theoretical molecular weight | 103kDa |
| Form | Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from Human herpesvirus 4 EBNA 3A: 301-400/935 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Buffer Solution | (predicted:EBV/HHV4)1M TBS(pH7.4) with 1% BSA, (predicted:EBV/HHV4)3% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| Attention | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |
| 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:

[SwissProt: Q3KST2](#) HHV-4

[Entrez Gene: 3783762](#) HHV-4

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.



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