

## Product datasheet for **AP05013PU-N**

### Epstein Barr Virus / EBV EBNA 3A Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	<b>Western Blot:</b> 0.25-1.00 µg/ml. <b>Positive Control:</b> EBV infected tissues and cells.
Reactivity:	Epstein Barr Virus
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant EBNA-3A protein.
Specificity:	This antibody recognizes this antigen EBNA-3A (MW 145 kDa) on an immunoblot of EBV infected cells (EBV +ve).
Formulation:	PBS State: Purified State: Liquid (0.2µm sterile filtered) purified Ig fraction Preservative: 0.08% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulfate Precipitation
Conjugation:	Unconjugated
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	102.4 kDa



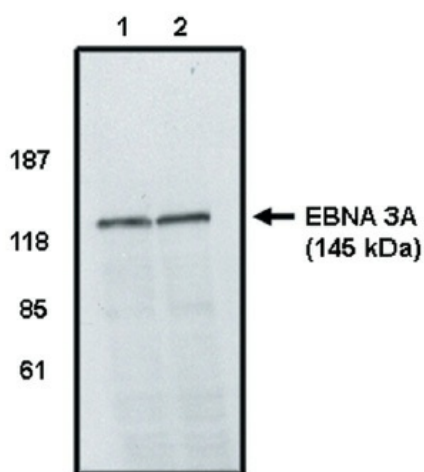
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**Background:**

EBNA-3A is a latent viral nuclear protein expressed in 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 EBNA-3A functions as a transcriptional regulator though the target genes are currently unknown. 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.

**Synonyms:**

HHV4, HHV-4

**Product images:**


Western Blot analysis using EBV EBNA 3A Antibody on cell lines infected with Epstein Barr Virus.