

VP16 tag Polyclonal Antibody

Catalog: BS65868

Host: Rabbit

Reactivity: Human herpesvirus 1

Background:

HSV evades the immune system through interference with MHC class I antigen presentation on the cell surface, by blocking TAP or the transporter associated with antigen processing induced by the secretion of ICP-47 by HSV. In the host cell, TAP transports digested viral antigen epitope peptides from the cytosol to the endoplasmic reticulum, allowing these epitopes to be combined with MHC class I molecules and presented on the surface of the cell. Viral epitope presentation with MHC class I is a requirement for activation of cytotoxic T-lymphocytes (CTLs), the major effectors of the cell-mediated immune response against virally-infected cells. ICP-47 prevents initiation of a CTL-response against HSV, allowing the virus to survive for a protracted period in the host.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~51 kDa

Swiss-Prot:

P04486

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

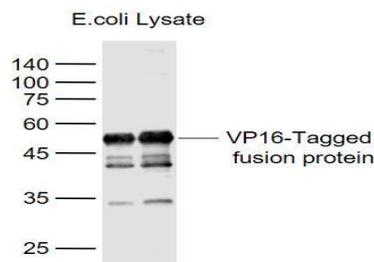
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -41 °C long term. Avoid freeze-thaw cycles.

Specificity:

VP16 tag Polyclonal Antibody detects endogenous levels of VP16 tag protein.

DATA:



Primary: Anti-VP16 tag at 1/1000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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