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

[Primary Antibody]

Rabbit Anti-HHV11 ICP22 antibody

Catalog Number: SL15398R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HHV11 ICP22
Immunogen:	KLH conjugated synthetic peptide derived from human HSV1: 101-200/420
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:Herpes Simplex Virus)
Predicted MW.:	46kDa
Subcellular Location:	The nucleus
Background:	Herpes simplex type 1 (HSV-1) belongs to a family that includes HSV-2, Epstein-Barr virus (EBV) and Varicella zoster (chicken pox) virus amongst others. HSV-1 and HSV-2 are extremely difficult to distinguish from each other. Members of this family have a characteristic virion structure. The double stranded DNA genome is contained within an icosahedral capsid embedded in a proteinaceous layer (tegument) and surrounded by a lipid envelope, derived from the nuclear membrane of the last host, which is decorated with virus-specific glycoproteins spikes. These viruses are capable of entering a latent phase where the host shows no visible sign of infection and levels of infectious agent become very low. During the latent phase the viral DNA is integrated into the genome of the host cell. **Function:** Functions as a general transcriptional regulator of cellular and viral mRNAs mainly by mediating changes on the host RNA polymerase II. One change, which is UL13 independent, is the rapid loss of Pol II forms bearing Ser-2 phosphorylation. A second change, which is UL13 dependent, is the

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

	appearance of an intermediate form of Pol II that differs from the normal hypo- and hyperphosphorylated forms. These Pol II modifications immediately inhibit host genome transcription, leading to cell cycle deregulation and loss of efficient antiviral response. **Subcellular Location:** Host nucleus. Note=Localizes in small nuclear bodies early in infection then moves to a more diffuse distribution in viral compartments as infecion progresses. **Post-translational modifications:** Tyrosine phosphorylated. **Similarity:** Belongs to the herpesviridae IE68 family. **Database links:** **Entrez Gene:** 2703435 HHV11 **SwissProt:** P04485 HHV11

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