

Polyclonal Antibody to Herpes Virus Type 8 / HHV8 ORF8 - Serum

Alternate names:	KSHV ORF8
Catalog No.:	AP07000SU-N
Quantity:	0.1 ml
Background:	Kaposi's sarcoma-associated herpesvirus (KSHV) belongs to the gamma-(2)-herpesvirus subfamily and has been closely linked to the Kaposi's sarcoma, primary effusion lymphoma (PEL) and multicentric Castleman's disease. The genome of KSHV is 165-170 kb and contains at least 88 open reading frames. KSHV ORF8 is a virion envelope-associated protein. Akula et al (2003) report it acts as a Glycoprotein B mediated signaling during virus entry. This Glycoprotein possesses the Arg-Gly-Asp (RGD) motif and utilizes alpha3beta1 integrin as one of the receptors for its entry into the target cells.
Uniprot ID:	Q2HRD1
NCBI:	YP_001129354.1
GeneID:	4961501
Host:	Rabbit
Immunogen:	Synthetic peptide, corresponding to amino acids sequence of KSHV ORF8.
Format:	State: Rabbit anti-serum.
Applications:	Western Blotting: 1/500 - 1/2000. ELISA: 1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to KSHV ORF8.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. James J. Proc. Natl. Acad. Sci Vol. 1993, pp. 14862-14867. 2. Wang FZ, Akula SM, Sharma-Walia N, Zeng L, Chandran B. Human herpesvirus 8 envelope glycoprotein B mediates cell adhesion via its RGD sequence. J Virol. 2003 Mar;77(5):3131-47. PubMed PMID: 12584338.

Pictures:

Western blot analysis using anti-KSHV ORF8 polyclonal antibody against uninduced BCBL1 cell lysate (1), TPA induced BCBL1 cell lysate(2) and purified virion (3).

