



Serine/threonine-protein kinase BGLF4 Polyclonal Antibody

Catalog No	YP-Ab-10878
Isotype	IgG
Reactivity	Human virus
Applications	ELISA
Gene Name	BGLF4
Immunogen	Synthesized peptide derived from human Serine/threonine-protein kinase BGLF4
Specificity	This antibody detects endogenous levels of human Serine/threonine-protein kinase BGLF4
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	ELISA(peptide) 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Serine/threonine-protein kinase BGLF4;BGLF4
Observed Band	
Calculated Molecular Weight	
Cell Pathway	
Tissue Specificity	
Function	P13288 BGLF4 protein(BGLF4) Human herpesvirus 4 catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Plays many key roles by phosphorylating several proteins including the viral DNA processivity factor BMRF1, EBNA1 or EBNA2. Required for efficient lytic DNA replication and release of nucleocapsids from the nucleus. Contributes to the compaction of host cell chromatin in cells undergoing lytic replication, presumably by phosphorylating the host condensin complex and host TOP2A. Induces disassembly of the nuclear lamina by phosphorylating with host LMNA. Phosphorylates substrates involved in capsid assembly and DNA packaging. Facilitates the switch from latent to lytic DNA replication by down-regulating



EBNA1 replication function. Phosphorylates the viral immediate-early protein BZLF1.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase fam

Background

P13288 BGLF4 protein(BGLF4) Human herpesvirus 4 catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Plays many key roles by phosphorylating several proteins including the viral DNA processivity factor BMRF1, EBNA1 or EBNA2. Required for efficient lytic DNA replication and release of nucleocapsids from the nucleus. Contributes to the compaction of host cell chromatin in cells undergoing lytic replication, presumably by phosphorylating the host condensin complex and host TOP2A. Induces disassembly of the nuclear lamina by phosphorylating with host LMNA. Phosphorylates substrates involved in capsid assembly and DNA packaging. Facilitates the switch from latent to lytic DNA replication by down-regulating EBNA1 replication function. Phosphorylates the viral immediate-early protein BZLF1.,similarity:Belongs to the protein kinase superfamily. Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subcellular location:the protein is present at discrete sites in nuclei, called replication compartments where viral DNA replication occurs.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images