

Serine/threonine-protein kinase BGLF4 Polyclonal Antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A21403	Rabbit	1 mg/ml	

Applications	ELISA
Reactivity	Epstein-Barr virus (strain B95-8) (HHV-4)
Dilution	ELISA(peptide) 1:5000-20000
Storage	-20°C/1 year
Specificity	This antibody detects endogenous levels of human Serine/threonine-protein kinase BGLF4
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Immunogen	Synthesized peptide derived from human Serine/threonine-protein kinase BGLF4
Uniprot No	P13288
Alternative names	
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Clonality	Polyclonal
Isotype	IgG
Conjugation	
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.,

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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