

Serine/threonine-protein kinase BGLF4 Polyclonal Antibody

Catalog No :	YT6233
Reactivity :	Human virus
Applications :	ELISA
Target :	Serine/threonine-protein kinase BGLF4
Gene Name :	BGLF4
Protein Name :	Serine/threonine-protein kinase BGLF4
Human Swiss Prot No :	P13288
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
Dilution :	ELISA(peptide) 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
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.,

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