



## SIK (Phospho-Thr182) rabbit pAb

Catalog No	BYab-10459
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SIK1 SIK SNF1LK
Protein Name	SIK (Phospho-Thr182)
Immunogen	Synthesized peptide derived from human SIK (Phospho-Thr182)
Specificity	This antibody detects endogenous levels of SIK (Phospho-Thr182) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.112% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Serine/threonine-protein kinase SIK1 (EC 2.7.11.1) (Salt-inducible kinase 1) (SIK-1) (Serine/threonine-protein kinase SNF1-like kinase 1) (Serine/threonine-protein kinase SNF1LK)
Observed Band	
Cell Pathway	Cytoplasm . Nucleus . Locates to cytoplasm when inactive following cAMP-induced phosphorylation, probably by PKA (PubMed:29211348).
Tissue Specificity	Fetal lung,Spleen,Testis,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-182 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Transient role

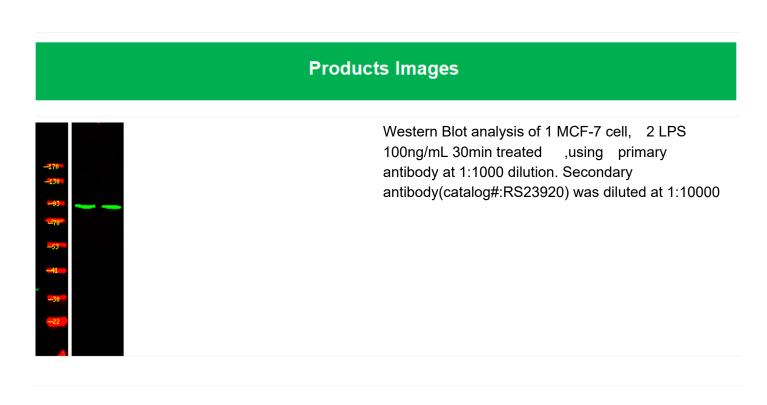
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	ATM or ATR.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 UBA domain.,subcellular location:Translocates to the cytoplasm on phosp
Background	
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.



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网址: www.njbybio.com 官方热线: 025-5229-8998 监督电话: 15950492658