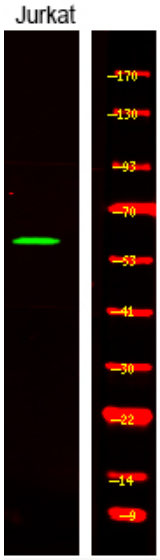
CAMKK1/2 (Phospho-Ser458/495) rabbit pAb

Catalog No	YP-Ab-10494
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	CAMKK1 CAMKKA
Protein Name	CAMKK1/2 (Phospho-Ser458/495)
Immunogen	Synthesized peptide derived from human CAMKK1/2 (Phospho-Ser458/495)
Specificity	This antibody detects endogenous levels of CAMKK1/2 (Phospho-Ser458/495) at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, and 0.150% 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	Calcium/calmodulin-dependent protein kinase kinase 1 (CaM-KK 1) (CaM-kinase kinase 1) (CaMKK 1) (EC 2.7.11.17) (CaM-kinase IV kinase) (Calcium/calmodulin-dependent protein kinase kinase alpha) (CaM-KK alpha) (CaM-kinase kinase alpha) (CaMKK alpha)
Observed Band	
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Amygdala,Brain,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The autoinhibitory domain overlaps with the calmodulin binding region and may be involved in intrasteric autoinhibition.,domain:The RP domain (arginine/proline-rich) is involved in the recognition of CAMKI and CAMK4 as substrates.,enzyme regulation:Activated by Ca(2+)/calmodulin. Binding of calmodulin may releave intrasteric autoinhibition. Partially inhibited upon phosphorylation by PRCAKA/PKA (By similarity). May be regulated through phosphorylation by CAMK1 and CAMK4.,function:Calcium/calmodulin-dependent protein kinase that belongs to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. Involved in regulating cell apoptosis. Promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic

BAD/Bcl2-antagonist of cell de

Background	The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade. Three transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],
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



Western Blot analysis of Jurkat cell, 2, LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000