

BRSK2 (Phospho Thr260) rabbit pAb

Catalog No :	YP1589
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	BRSK2
Gene Name :	BRSK2 C11orf7 PEN11B SADA STK29 HUSSY-12
Protein Name :	BRSK2 (Phospho Thr260)
Human Gene Id :	9024
Human Swiss Prot No :	Q8IWW3
Mouse Gene Id :	75770
Mouse Swiss Prot No :	Q69Z98
Rat Swiss Prot No :	D3ZML2
Immunogen :	Synthesized peptide derived from human BRSK2 (Phospho Thr260)
Specificity :	This antibody detects endogenous levels of Human,Mouse,Rat BRSK2 (Phospho Thr260)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 78kD

Background : catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium.,enzyme regulation:Activated by phosphorylation on Thr-174 by STK11 in complex with STE20-related adapter-alpha (STRAD alpha) pseudo kinase and CAB39.,function:Required for the polarization of forebrain neurons which endows axons and dendrites with distinct properties, possibly by locally regulating phosphorylation of microtubule-associated proteins.,sequence caution:Translated as Gly.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily.,similarity:Contains 1 protein kinase domain.,

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Subcellular Location : Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, perinuclear region. Endoplasmic reticulum. Detected at centrosomes during mitosis. Localizes to the endoplasmic reticulum in response to stress caused by tunicamycin.

Expression : Detected in pancreas islets (at protein level).

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