

BRSK2 Polyclonal Antibody

Catalog No :	YN0131
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA
Target :	BRSK2
Gene Name :	BRSK2 C11orf7 PEN11B SADA STK29 HUSSY-12
Protein Name :	Serine/threonine-protein kinase BRSK2 (EC 2.7.11.1) (Brain-selective kinase 2) (EC 2.7.11.26) (Brain-specific serine/threonine-protein kinase 2) (BR serine/threonine-protein kinase 2) (Serine/threonin
Human Gene Id :	9024
Human Swiss Prot No :	Q8IWWQ3
Mouse Swiss Prot No :	Q69Z98
Rat Swiss Prot No :	D3ZML2
Immunogen :	Synthesized peptide derived from human protein . at AA range: 320-400
Specificity :	BRSK2 Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 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)

Observed Band :	80kD
Background :	<p>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.,</p>
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Subcellular Location :	<p>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.</p>
Expression :	Detected in pancreas islets (at protein level).
Sort :	18129
No4 :	1

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