

BRSK1 Rabbit Polyclonal Antibody

Catalog# UZ-PA01633

Product information

产品货号	UZ-PA01633
别名	BRSK1; KIAA1811; SAD1; SADB; Serine/threonine-protein kinase BRSK1; Brain-selective kinase 1; Brain-specific serine/threonine-protein kinase 1; BR serine/threonine-protein kinase 1; Serine/threonine-protein kinase SAD-B; Synapses of Amphids
产品名称	BRSK1 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	BRSK1
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	84446
Human Swissprot No.	Q8TDC3
免疫原	The antiserum was produced against synthesized peptide derived from human BRSK1. AA range:361-410
稀释度	WB 1:500-1:2000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000.Not yet tested in other applications.
预测分子量	87kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,cofactor:Magnesium., enzyme regulation:Activated by phosphorylation on Thr-205 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 (By similarity). May be involved in the regulation of G2/M arrest in response to UV- or methyl methane sulfonate (MMS)-induced, but not IR-induced, DNA damage. Phosphorylates WEE1 and CDC25B in vitro and CDC25C in vitro and in vivo.,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:Nuclear in the absence of DNA damage. Translocated to the nucleus in response to UV- or MMS-induced DNA damage.,tissue specificity:Widely expressed, with highest levels in brain and testis. Protein levels remain constant throughout the cell cycle.,
细胞定位	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Cell junction, synapse . Cell junction, synapse, presynaptic active zone . Cytoplasmic vesicle, secretory vesicle, synaptic vesicle . Nuclear in the absence of DNA damage. Translocated to the nucleus in response to UV- or MMS-induced DNA damage (By similarity). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal