

# BRSK2 (Phospho Thr260) rabbit pAb

Cat No.:ES20171

For research use only

## Overview

Product Name	BRSK2 (Phospho Thr260) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	BRSK2 (Phospho Thr260)
Gene Name	BRSK2 C11orf7 PEN11B SADA STK29 HUSSY-12
Cellular localization	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.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	78kD
Human Gene ID	9024
Human Swiss-Prot Number	Q8IWQ3
Alternative Names	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/threonine-protein kinase





## Background

29;Serine/threonine-protein kinase SAD-A)  
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.,

