

For Research Use Only

# BRSK2 Polyclonal antibody

Catalog Number: 11589-1-AP

Featured Product

4 Publications



## Basic Information

### Catalog Number:

11589-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2195

### GenBank Accession Number:

BC024291

### GeneID (NCBI):

9024

### UNIPROT ID:

Q8IWIQ3

### Full Name:

BR serine/threonine kinase 2

### Calculated MW:

87 kDa

### Observed MW:

80-88 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:1000-1:8000

## Applications

### Tested Applications:

WB, ELISA

### Cited Applications:

WB, IP, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat, mouse

### Positive Controls:

WB : mouse brain tissue, mouse testis tissue, rat brain tissue

## Background Information

BRSK2 is highly conserved from invertebrates to human, plays a key role in polarization of neurons and has been identified with different names: SAD1 is its closest homolog in C. elegans, serine/threonine kinase SADA alfa in rat, brain-selective kinase 2 and SAD-B in mouse and hsSAD1 and SAD1B in humans (PMID:16165222). In rat and mouse, BRSK2 is only detected in the brain and at low levels in the testis. It has some isoforms produced by alternative splicing with the molecular mass of 68-84 kDa. This protein has a conserved function throughout the evolution.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jia Nie	29873699	Endocrinology	WB, IP
Kangdi Li	38582395	Cancer Lett	WB, IF, IP
Yoshida Hirofaka H	21985311	J Neurochem	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

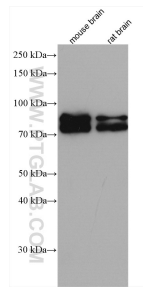
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11589-1-AP (BRIS2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.