

For Research Use Only

BRSK2 Polyclonal antibody

Catalog Number: 11589-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

11589-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2195

GenBank Accession Number:

BC024291

GeneID (NCBI):

9024

UNIPROT ID:

Q8IWQ3

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 alpha 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 Hirota 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

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

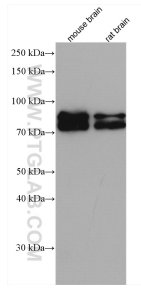
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 11589-1-AP (BRK2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.