

For Research Use Only

# BRSK1 Polyclonal antibody, PBS Only

Catalog Number:12673-1-PBS



## Basic Information

<b>Catalog Number:</b> 12673-1-PBS	<b>GenBank Accession Number:</b> BC016681	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 84446	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TDC3	
<b>Isotype:</b> IgG	<b>Full Name:</b> BR serine/threonine kinase 1	
<b>Immunogen Catalog Number:</b> AG3357	<b>Calculated MW:</b> 87 kDa	
	<b>Observed MW:</b> 85-90 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IP, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

BRSK1(Brain-specific serine/threonine-protein kinase 1) is also named as KIAA1811, SAD1, SADB and belongs to the SNF1 subfamily. BRSKs are crucial for establishing neuronal polarity, and BRSK1 has also been shown to regulate neurotransmitter release presynaptically. BRSK1 is a serine-threonine kinases specifically expressed in the brain, and activated by LKB1-mediated phosphorylation of a threonine residue at their T-loop. (PMID:22020259). It has 3 isoforms produced by alternative splicing.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

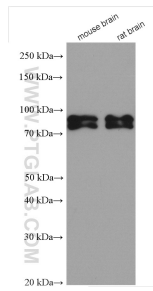
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

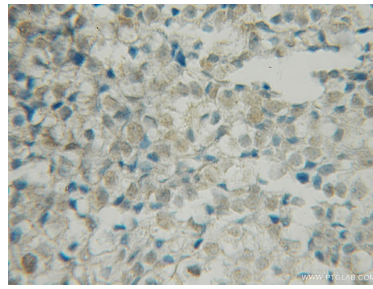
W: [ptgcn.com](http://ptgcn.com)

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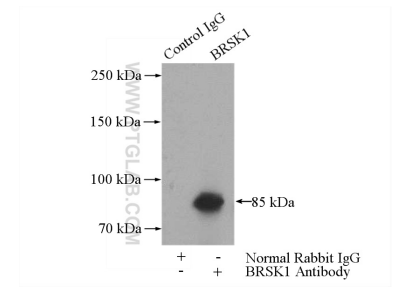
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 12673-1-AP (BRSK1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 12673-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 12673-1-AP (BRSK1 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 12673-1-PBS in a different storage buffer formulation.



IP result of anti-BRSK1 (IP:12673-1-AP, 4ug; Detection:12673-1-AP 1:500) with mouse brain tissue lysate 3440ug. This data was developed using the same antibody clone with 12673-1-PBS in a different storage buffer formulation.