

For Research Use Only

BRSK1 Polyclonal antibody, PBS Only

Catalog Number:12673-1-PBS



Basic Information

Catalog Number: 12673-1-PBS	GenBank Accession Number: BC016681	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 84446	
Source: Rabbit	UNIPROT ID: Q8TDC3	
Isotype: IgG	Full Name: BR serine/threonine kinase 1	
Immunogen Catalog Number: AG3357	Calculated MW: 87 kDa	
	Observed MW: 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.

Storage Buffer:
PBS only, pH7.3

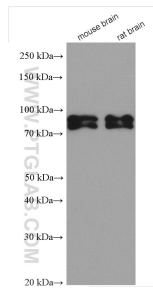
For technical support and original validation data for this product please contact:

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

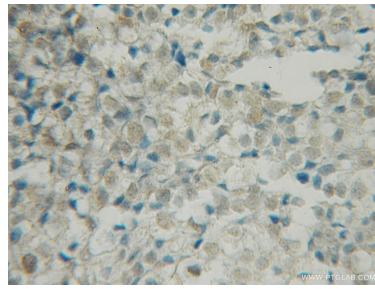
E: proteintech@ptglab.com
W: ptglab.com

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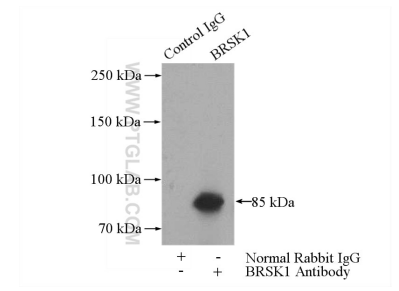
Selected Validation Data



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.