

Datasheet for ABIN6990734  
**anti-BRSK2 antibody (C-Term)**



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## Overview

Quantity:	0.1 mg
Target:	BRSK2
Binding Specificity:	AA 630-680, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRSK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	BRSK2 antibody was raised against a 23 amino acid synthetic peptide from near the carboxy terminus of human BRSK2. The immunogen is located within amino acids 630 - 680 of BRSK2.
Isotype:	IgG
Purification:	BRSK2 Antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	BRSK2
Alternative Name:	BRSK2 ( <a href="#">BRSK2 Products</a> )
Background:	BRSK2 Antibody: BRSK2 was initially identified through a computer screen of the human genome and shows significant homology to the C. elegans neuronal cell polarity regulator

## Target Details

SAD1. BRSK2 is expressed in the brain and to a lesser extent in the testes. BRSK2 is a member of the AMP-activated protein kinase subfamily and can be activated by the tumor suppressor kinase LKB1. More recently, it has been shown that both BRSK2 and the related protein BRSK1 are required for mammalian neuronal polarization. While BRSK1- and BRSK2-null mice were viable, double-mutant mice died within two hours of birth. Neurons from these mice showed uniformly-sized neurites as opposed to the normal long axon and multiple shorter dendrites. These neurites also displayed both axonal and dendritic markers. BRSK2 has also been shown to be an autoantigen in paraneoplastic limbic encephalitis. At least four isoforms of BRSK2 are known to exist.

Gene ID: 9024

UniProt: [Q8IWQ3](#)

## Application Details

Application Notes: BRSK2 antibody can be used for detection of BRSK2 by Western blot at 0.5 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: BRSK2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: BRSK2 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.