

Datasheet for ABIN652432
anti-BRSK1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	BRSK1
Binding Specificity:	AA 654-684, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRSK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This BRSK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 654-684 amino acids from the C-terminal region of human BRSK1.
Clone:	RB5415
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BRSK1
Alternative Name:	BRSK1 (BRSK1 Products)
Background:	BRSK1 may be involved as a checkpoint kinase in the regulation of G2/M arrest in response to

Target Details

UV- or methyl methane sulfonate (MMS)-induced, but not IR-induced, DNA damage. This protein phosphorylates WEE1 and CDC25B in vitro and CDC25C in vitro and in vivo. BRSK1 is partitioned between cytoplasmic and nuclear locations in the absence of DNA damage, but translocates to the nucleus in response to Uv- or MMS-induced DNA damage. BRSK1 shares significant homology with the fission yeast Cdr2, a mitosis-regulatory kinase, and *Caenorhabditis elegans* SAD1, a neuronal cell polarity regulator. The BRSK1 transcript is expressed ubiquitously with the highest levels of expression in brain and testis.

Molecular Weight: 85087

Gene ID: 84446

NCBI Accession: [NP_115806](#)

UniProt: [Q8TDC3](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

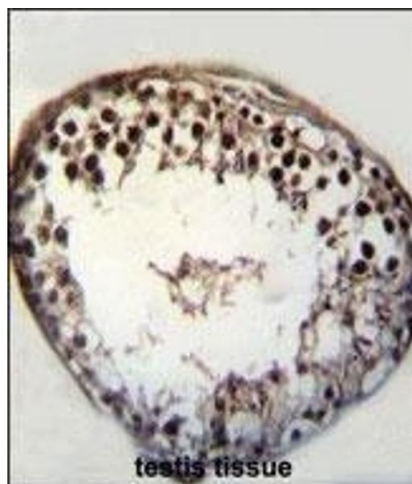
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

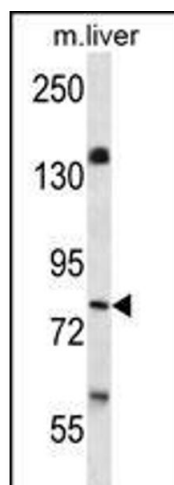
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. BRSK1 Antibody (C-term) (ABIN652432 and ABIN2842239) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of BRSK1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. KI Antibody (ABIN652432 and ABIN2842239) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the KI antibody detected the KI protein (arrow).