

Product datasheet

Anti-BRSK1 antibody - N-terminal ab71528

[1 References](#) [1 Image](#)

Overview

Product name	Anti-BRSK1 antibody - N-terminal
Description	Rabbit polyclonal to BRSK1 - N-terminal
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide from the N-terminal region of human BRSK1 conjugated to KLH.
Positive control	Mouse liver tissue lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Purification notes	ab71528 is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab71528** in the following tested applications.

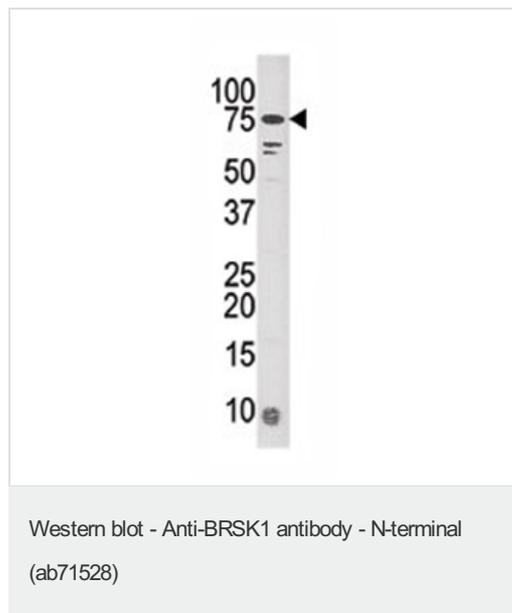
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/60 - 1/500. Detects a band of approximately 75 kDa (predicted molecular weight: 87 kDa).
ELISA		1/1000.

Target

Function	Required for the polarization of forebrain neurons which endows axons and dendrites with distinct properties, possibly by locally regulating phosphorylation of microtubule-associated proteins (By similarity). May be involved in the regulation of G2/M arrest in response to UV- or methyl methane sulfonate (MMS)-induced, but not IR-induced, DNA damage. Phosphorylates WEE1 and CDC25B in vitro and CDC25C in vitro and in vivo.
Tissue specificity	Widely expressed, with highest levels in brain and testis. Protein levels remain constant throughout the cell cycle.
Sequence similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. AMPK subfamily. Contains 1 protein kinase domain. Contains 1 UBA domain.
Cellular localization	Cytoplasm. Nucleus. Nuclear in the absence of DNA damage. Translocated to the nucleus in response to UV- or MMS-induced DNA damage.

Images



Anti-BRSK1 antibody - N-terminal (ab71528)
at 1/60 dilution + mouse liver tissue lysate at
35 µg

Predicted band size: 87 kDa

Observed band size: 75 kDa

Additional bands at: 60 kDa, 65 kDa. We
are unsure as to the identity of these extra
bands.

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