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Datasheet for ABIN2810445

anti-BRSK1 antibody (AA 101-200) (AbBy Fluor® 594)

Overview

Quantity:	100 µL
Target:	BRSK1
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRSK1 antibody is conjugated to AbBy Fluor® 594
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BRSK1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	BRSK1
Alternative Name:	BRSK1 (BRSK1 Products)

Target Details

Background: Synonyms: BR serine/threonine kinase 1, BR serine/threonine protein kinase 1, BR serine/threonine-protein kinase 1, Brain-specific serine/threonine-protein kinase 1, BRSK 1, Brsk1, BRSK1_HUMAN, Protein kinase SAD1A, SAD 1, SAD1, SAD1 kinase, SAD1A, SADB, SadB kinase short isoform, Serine/threonine kinase SAD B, Serine/threonine-protein kinase SAD-B, Synapses of Amphids Defective homolog, FLJ43009, KIAA1811.

Background: 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.

Gene ID: 84446

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months