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Datasheet for ABIN873206  
**anti-BRSK1 antibody (AA 101-200)**

### Overview

Quantity:	100 µL
Target:	BRSK1
Binding Specificity:	AA 101-200
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRSK1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### 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
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## Target Details

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Alternative Name: BRSK1 ([BRSK1 Products](#))

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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.

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Gene ID: 84446

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## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: 4 °C, -20 °C

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## Handling

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months