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AP07505PU-N Polyclonal Antibody to BRSK1 (C-term) - Purified

Alternate names: BR serine/threonine-protein kinase 1, KIAA1811, SAD-B, SAD1, SAD1 kinase, Serine/threonine kinase SAD-B

Quantity: 50 µg

Concentration: 1 mg/ml

Background: BRSK1 is thought to be involved in the regulation of G2/M arrest and to function as a checkpoint kinase following DNA damage induced by UV or methyl methane sulfonate. BRSK1 phosphorylates WEE1 and CDC25B in vitro and CDC25C in vitro and in vivo.

Uniprot ID: Q8TDC3

NCBI: NP_115806.1

GeneID: 84446

Host / Isotype: Rabbit / IgG

Immunogen: Synthetic peptide

Format:
State: Liquid purified Ig
Buffer System: Phosphate buffered saline, containing 0.02% sodium azide

Applications:
Immunofluorescence: 20 µg/ml.
Immunohistochemistry on Paraffin Sections: 5 µg/ml.
Western Blot: 0.5 - 1 µg/ml.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody reacts to a 28 amino acid peptide from near the carboxy terminus of BRSK1.
Species: Human, Mouse, Rat.
Other species not tested.

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Product Citations:
Purchased from Acris:
1. Zempel H, Thies E, Mandelkow E, Mandelkow EM. Abeta oligomers cause localized Ca(2+) elevation, missorting of endogenous Tau into dendrites, Tau phosphorylation, and destruction of microtubules and spines. J Neurosci. 2010 Sep 8;30(36):11938-50. doi: 10.1523/JNEUROSCI.2357-10.2010. PubMed PMID: 20826658.

Pictures:

Brain, cortex: Formalin-Fixed Paraffin-Embedded (FFPE)