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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06981 - Goat Anti-BRSK2 / STK29 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BRSK2, SAD1, STK29, PEN11B, C11orf7, BR serine/threonine kinase 2, serine/threonine kinase 29, homolog of SAD-1 (C. elegans), chromosome 11 open reading frame 7, chromosome 11 open reading frame 7, FLJ41362, protein kinase SAD1B, serine/threonine kinase SAD-A

Official Symbol: BRSK2

Accession Number(s): NP_003948.2

Human GeneID(s): [9024](#)

Non-Human GeneID(s): 75770 (mouse), 293631 (rat)

Immunogen

Peptide with sequence CPEVIRGEKYDGRKAD, from the internal region of the protein sequence according to NP_003948.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Preliminary experiments gave bands at approx 50-55kDa and 15kDa in human brain, mouse brain and rat brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 74.7kDa according to NP_003948.2. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow