

## Goat anti-BRSK2 / STK29 Antibody

Item Number	dAP-0865
Target Molecule	Principle Name: BRSK2 / STK29; Official Symbol: BRSK2; All Names and Symbols: 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 ; Accession Number (s): NP_003948.2; Human Gene ID(s): 9024; Non-Human GenelD(s): 75770 (mouse) 293631 (rat)
Immunogen	CPEVIRGEKYDGRKAD, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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
IHC	
Reference	Reference(s): Kishi M, Pan YA, Crump JG, Sanes JR. Mammalian SAD kinases are required for neuronal polarization. <i>Science</i> . 2005 Feb 11;307(5711):929-32. PMID: 15705853 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**