

BRSK2 Polyclonal Antibody

Catalog number: 11589-1-AP

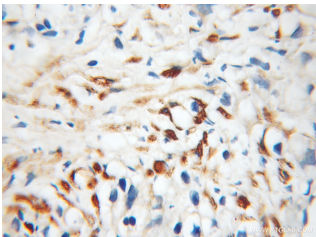
Size: 27 µg/150 µl

Source: Rabbit

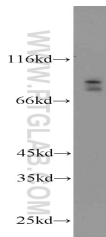
Isotype: IgG

Synonyms:

BRSK2; BR serine/threonine kinase 2, BRSK2, C11orf7, FLJ41362, PEN11B, SAD1, STK29



Immunohistochemical of paraffin-embedded human prostate cancer using 11589-1-AP(BRSK2 antibody) at dilution of 1:50 (under 10x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11589-1-AP(BRSK2 antibody) at dilution of 1:500

Background

BRSK2 is highly conserved from invertebrates to human, plays a key role in polarization of neurons and has been identified with different names: SAD1 is its closest homolog in *C. elegans*, serine/threonine kinase SADA alfa in rat, brain-selective kinase 2 and SAD-B in mouse and hssAD1 and SAD1B in humans(PMID:16165222) . In rat and mouse, BRSK2 is only detected in the brain and at low levels in the testis .It has 5 isoforms produced by alternative splicing.This protein has a conserved function throughout the evolution.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human, rat
Calculated BRSK2 MW:	87kd
Observed BRSK2 MW:	80-88kd
Positive WB detected in	Mouse brain tissue, mouse testis tissue
Positive IHC detected in	Human prostate cancer tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2195
GenBank accession number:	BC024291
Gene ID (NCBI):	9024
Full name:	BR serine/threonine kinase 2

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.