

A17226

Leader in Biomolecular Solutions for Life Science



BRSK1 Rabbit pAb

Catalog No.: A17226

Basic Information

Observed MW

90kDa

Calculated MW

85kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Enables magnesium ion binding activity; protein serine/threonine kinase activity; and tau-protein kinase activity. Involved in mitotic G2 DNA damage checkpoint signaling and protein phosphorylation. Acts upstream of or within G2/M transition of mitotic cell cycle; peptidyl-serine phosphorylation; and response to UV. Located in cell junction; cytoplasm; and nucleoplasm.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

84446

Swiss Prot

Q8TDC3

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

SAD-B; hSAD1; BRSK1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

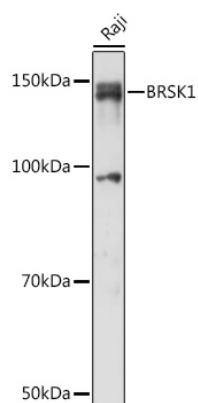
Affinity purification

Storage

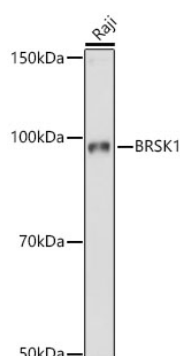
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

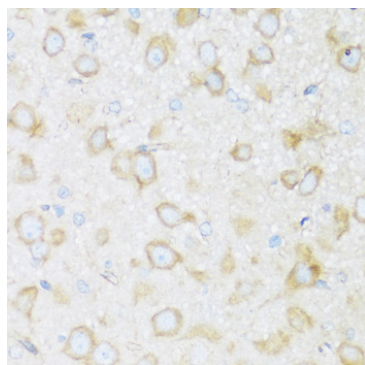
Validation Data



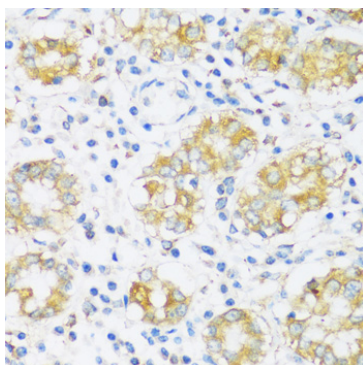
Western blot analysis of lysates from Raji cells, using BRSK1 Rabbit pAb (A17226) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



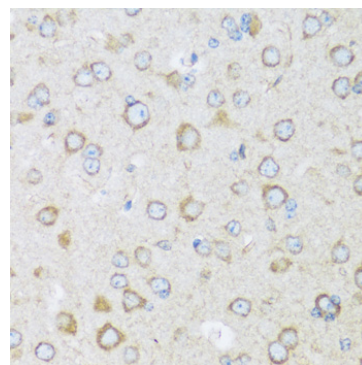
Western blot analysis of lysates from Raji cells using BRSK1 Rabbit pAb (A17226) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time:10s.



Immunohistochemistry analysis of paraffin-embedded Rat brain using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human stomach using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).
Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.