

BRSK1 Rabbit pAb

Catalog No.: A17226

Basic Information

Observed MW

90kDa

Calculated MW

85kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

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

Immunogen Information

Gene ID

84446

Swiss Prot

Q8TDC3

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 310-510 of human BRSK1 (NP_115806.1).

Synonyms

SAD-B; hSAD1; BRSK1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

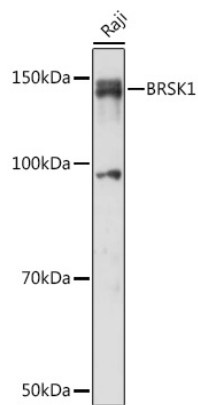
Affinity purification

Storage

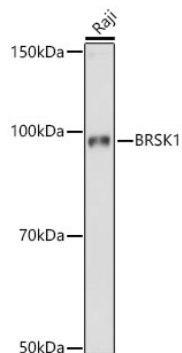
Store at -20°C. Avoid freeze / thaw cycles.

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

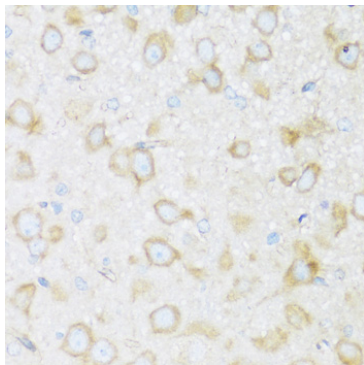
Validation Data



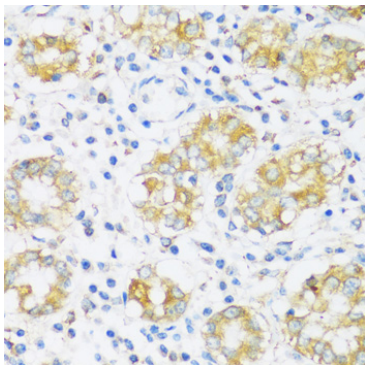
Western blot analysis of lysates from Raji cells, using BRSK1 Rabbit pAb (A17226) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure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



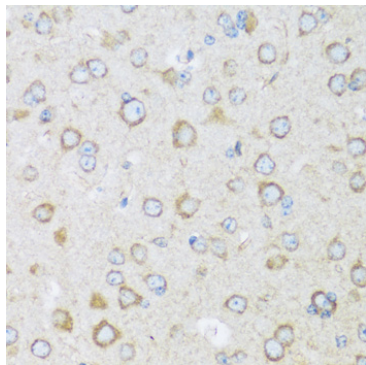
Western blot analysis of lysates from Raji cells using BRSK1 Rabbit pAb(A17226) at 1:1000 dilution.
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection:ECL Basic Kit (RM00020).
Exposure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



Immunohistochemistry analysis of BRSK1 in paraffin-embedded rat brain using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of BRSK1 in paraffin-embedded human stomach using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of BRSK1 in paraffin-embedded mouse brain using BRSK1 Rabbit pAb (A17226) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.