

Anti-SGK1/2 Antibody

Rabbit polyclonal antibody to SGK1/2 Catalog # AP59698

Specification

Anti-SGK1/2 Antibody - Product Information

Application WB, IF/IC, IHC
Primary Accession O00141, O9HBY8
Other Accession O9WVC6, O9QZS5

Reactivity Human, Mouse, Rat, Rabbit, Zebrafish,

Chicken, Bovine

Host Rabbit Clonality Polyclonal

Anti-SGK1/2 Antibody - Additional Information

Other Names

SGK1; SGK; Serine/threonine-protein kinase Sgk1; Serum/glucocorticoid-regulated kinase 1; SGK2; Serine/threonine-protein kinase Sgk2; Serum/glucocorticoid-regulated kinase 2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human SGK1/2. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000), IH (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-SGK1/2 Antibody - Protein Information

Anti-SGK1/2 Antibody - Protocols

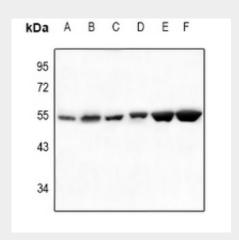
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

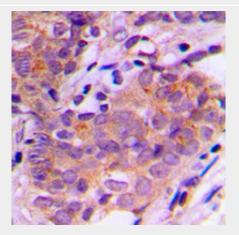


- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-SGK1/2 Antibody - Images

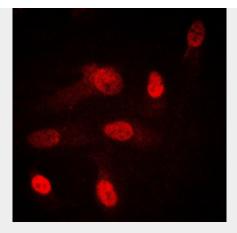


Western blot analysis of SGK1/2 expression in mouse brain (A), rat brain (B), mouse embryo (C), HCC827 (D), HEK293T (E), Panc1 (F) whole cell lysates.



Immunohistochemical analysis of SGK1/2 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.





Immunofluorescent analysis of SGK1/2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 $^{\circ}$ C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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