

SGK1 Polyclonal Antibody

Catalog No. E-AB-60146

Note: Centrifuge before opening to ensure complete recovery of vial contents.

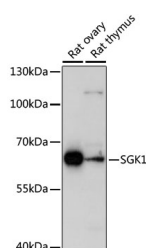
Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein of human SGK1 (NP_005618.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
IHC	1:50-1:200
IF	1:50-1:200

Data

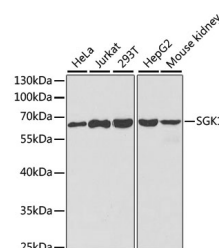


Western blot analysis of extracts of various cell lines using SGK1 Polyclonal Antibody at dilution of 1:1000.

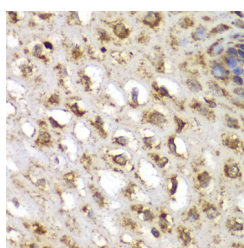
Observed Mw:60kDa

Calculated

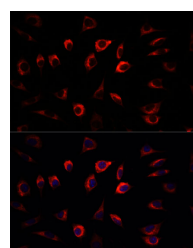
Mw:47kDa/48kDa/50kDa/52kDa/59kDa



Western blot analysis of extracts of various cell lines using SGK1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human esophagus using SGK1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of L929 cells using SGK1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

For Research Use Only

Preparation & Storage

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

Background

This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

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