Elabscience®

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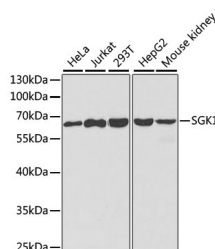## SGK1 Polyclonal Antibody

Catalog No.	E-AB-60146	**Reactivity**	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,IF	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.
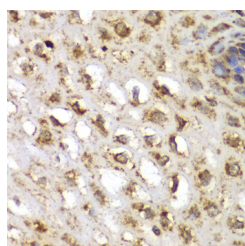
Images
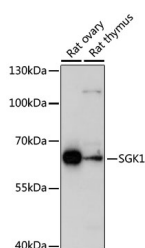
Western blot analysis of extracts of various cell lines using SGK1 Polyclonal Antibody at dilution of 1:1000.

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).

Immunogen Information

Immunogen	Recombinant fusion protein of human SGK1 (NP_005618.2).
GeneID	6446
Swissprot	O00141
Synonyms	SGK1,SGK

Product Information

Calculated MW	47kDa/48kDa/50kDa/52kDa/59kDa
Observed MW	60kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purify	Affinity purification
Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200

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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