

Rabbit SGK1 Polyclonal Antibody | anti-SGK1 antibody

Phospho-SGK1 (S422) Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA172042	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

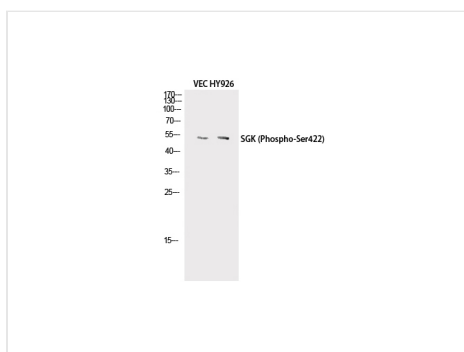
PRODUCT SYNONYMS

SGK1; Polyclonal Antibody; Phospho-SGK1 (S422) Polyclonal Antibody; SGK; Serine/threonine-protein kinase Sgk1; Serum/glucocorticoid-regulated kinase 1; anti-SGK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Applicable Applications for anti-SGK1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from human SGK1 around the phosphorylation site of Ser422.
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of VEC, HY926 cells with Phospho-SGK1 (Ser422) Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-SGK1 antibody	Background: Protein kinase that plays an important role in cellular stress response. 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. Sustained high levels and activity may contribute to conditions such as hypertension and diabetic nephropathy. Mediates cell survival signals, phosphorylates and negatively regulates pro-apoptotic FOXO3A. Phosphorylates NEDD4L, which leads to its inactivation and to the subsequent activation of various channels and transporters such as ENaC, KCNA3/Kv1.3 or EAAT1. Isoform 2 exhibited a greater effect on cell plasma membrane expression of ENaC and Na(+) transport than isoform 1.
Product Categories/Family for anti-SGK1 antibody	Phospho Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	219521880
NCBI GeneID	6446
NCBI Accession #	NP_001137150.1
NCBI GenBank Nucleotide #	NM_001143678.1
UniProt Accession #	O00141; Q5TCN2; Q5TCN3; Q5TCN4; Q5VY65; Q9UN56; B7UUP7; B7UUP8; B7UUP9; B7Z5B2; E1P583
Molecular Weight	Calculated MW: 49kDa Observed MW: 57kDa
NCBI Official Full Name	serine/threonine-protein kinase Sgk1 isoform 4
NCBI Official Synonym Full Names	serum/glucocorticoid regulated kinase 1
NCBI Official Symbol	SGK1
NCBI Official Synonym Symbols	SGK
NCBI Protein Information	serine/threonine-protein kinase Sgk1
UniProt Protein Name	Serine/threonine-protein kinase Sgk1
UniProt Gene Name	SGK1
UniProt Synonym Gene Names	SGK
UniProt Entry Name	SGK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgk1-antibody-immunohistochemistry-western-blot-elisa/172042>