

Rabbit SGK1 Polyclonal Antibody | anti-SGK1 antibody

SGK1 Antibody

CATALOG # AAA40270	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SGK1; Polyclonal Antibody; SGK1 Antibody; SGK; serum/glucocorticoid regulated kinase 1; anti-SGK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SGK1 antibody is predicted to not cross-react with other SGK protein family members. At least five isoforms are known to exist
Purity/Purification	SGK1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	431
Applicable Applications for anti-SGK1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SGK1 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SGK1.
Buffer	SGK1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SGK1 antibody can be stored at 4 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



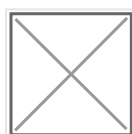
IF (Immunofluorescence)

Immunofluorescence of SGK1 in human stomach tissue with SGK1 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SGK1 in human stomach tissue with SGK1 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SGK1 in human stomach tissue lysate with SGK1 antibody at (A) 1 and (B) 2 &#956;g/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SGK1 antibody	SGK1 Antibody: Serum and glucocorticoid-regulated protein kinase 1 (SGK1) is a member of the AGC family of serine/threonine kinases that plays an important role in cellular stress response and cell survival. SGK1 is transcriptionally activated by numerous stimuli, including serum, glucocorticoids, osmotic stress, and hormones. SGK1 functions as a regulator of cell survival and ion channels and transporters such as ENaC or KCNA3/Kv1.3. It phosphorylates and negatively regulates pro-apoptotic FOXO3A. SGK1 is thought to play an essential function in nephropathy and cardiovascular development.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25168263
NCBI GeneID	6446
NCBI Accession #	NP_005618
NCBI GenBank Nucleotide #	NM_005627.3
UniProt Accession #	O00141; Q5TCN2; Q5TCN3; Q5TCN4; Q5VY65; Q9UN56; B7UUP7; B7UUP8; B7UUP9; B7Z5B2; E1P583
Molecular Weight	52,119 Da
NCBI Official Full Name	serine/threonine-protein kinase Sgk1 isoform 1
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; Sgk1 variant i3; serine/threonine protein kinase SGK; serum/glucocorticoid-regulated kinase 1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/sgk1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40270>