

Rabbit SGK3 Polyclonal Antibody | anti-SGK3 antibody

SGK3 Antibody (N-term)

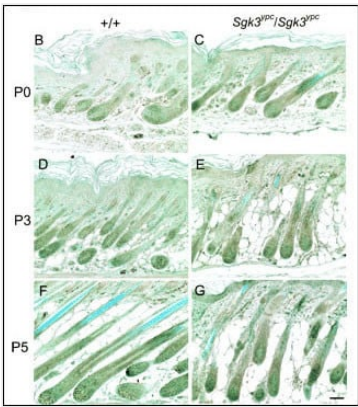
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287893	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

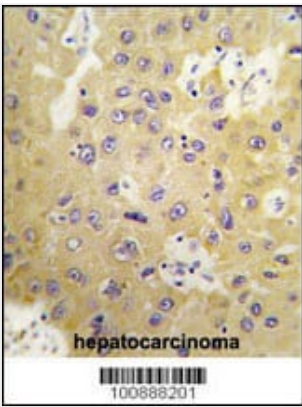
SGK3; Polyclonal Antibody; SGK3 Antibody (N-term); Serine/threonine-protein kinase Sgk3; Cytokine-independent survival kinase; Serum/glucocorticoid-regulated kinase 3; Serum/glucocorticoid-regulated kinase-like; CISK; SGKL; anti-SGK3 antibody

PRODUCT SPECIFICATIONS

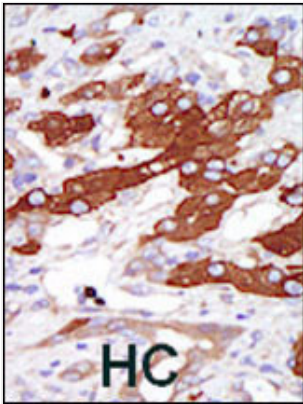
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SGK3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SGK3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.93 (varies by lot)
Sequence Positions	1-30
Sequence Length	464
Applicable Applications for anti-SGK3 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



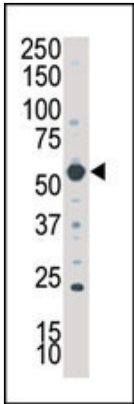
IHC (Immunohistochemistry)
IHC detection of SGK3 protein on the paraffin sections of the WT (left) and YPC (right) mice at P0 (B and C), P3 (D and E), and P5 (F and G) skin. Positive signals were observed in the cytoplasm of the hair follicle keratinocytes, especially in hair bulb, ORS, IRS, cuticle/cortex and bulge, or sebaceous glands. Some differences between the WT and YPC, for example, the expression in bulb keratinocytes were observed at P3 and P5. Scale bar, 50.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with SGK3 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of anti-SGK3 Pab in A375 cell lysate. SGK3 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-SGK3 antibody	SGK3, a Ser/Thr protein kinase, is similar to serum- and glucocorticoid-induced protein kinase (SGK), but this gene product is not induced by serum or glucocorticoids. Expression is induced in response to signals that activate phosphatidylinositol 3-kinase, which is also true for SGK.
Product Categories/Family for anti-SGK3 antibody	Metabolism; Signal Transduction
References	Friedrich, B., et al., Pflugers Arch. 445(6):693-696 (2003). Embark, H.M., et al., Pflugers Arch. 445(5):601-606 (2003). Brickley, D.R., et al., J. Biol. Chem. 277(45):43064-43070 (2002). Gamper, N., et al., Pflugers Arch. 445(1):60-66 (2002). Dai, F., et al., Biochem. Biophys. Res. Commun. 293(4):1191-1196 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	75813626
NCBI GeneID	23678
NCBI Accession #	NP_001028750.1; NP_001191102.1; NP_037389.4; NP_733827.2

NCBI GenBank Nucleotide #	NM_001033578.2
UniProt Accession #	Q96BR1 ; Q9P1Q7 ; Q9UKG5 ; A8K5W3 ; B3KQC2
Molecular Weight	57108
NCBI Official Full Name	serine/threonine-protein kinase Sgk3 isoform 1
NCBI Official Synonym Full Names	serum/glucocorticoid regulated kinase family, member 3
NCBI Official Symbol	SGK3
NCBI Official Synonym Symbols	CISK; SGK2; SGKL
NCBI Protein Information	serine/threonine-protein kinase Sgk3
UniProt Protein Name	Serine/threonine-protein kinase Sgk3
UniProt Gene Name	SGK3
UniProt Synonym Gene Names	CISK; SGKL
UniProt Entry Name	SGK3_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/sgk3-antibody-western-blot-immunohistochemistry-elisa/287893>