

Chicken SGK3 Polyclonal Antibody | anti-SGK3 antibody

SGK3 Antibody

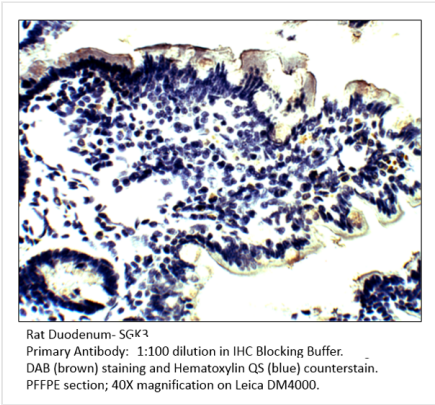
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76048	Chicken	Human, Mouse, Rat	Western Blot, Immunoprecipitation, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

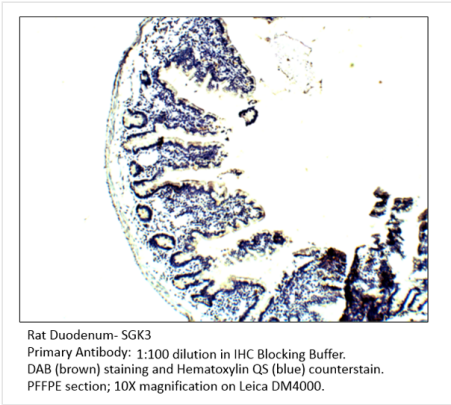
SGK3; Polyclonal Antibody; SGK3 Antibody; CISK; Cytokine independent survival kinase; DKFZp781N0293; Serine/threonine protein kinase Sgk3; Serum/glucocorticoid regulated kinase family member 3; Serum/glucocorticoid-regulated kinase 3; SGK 3; Sgk3; SGK antibody; anti-SGK3 antibody

PRODUCT SPECIFICATIONS

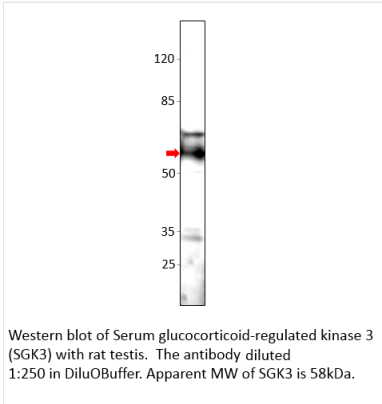
Host	Chicken
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.6 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	496
Applicable Applications for anti-SGK3 antibody	WB (Western Blot), IP (Immunoprecipitation), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA, CM (Confocal Microscopy)
Immunogen	Synthetic peptide taken within amino acid region 440-490 on human Sgk3 protein.
Immunoglobulin	IgY
Expression	Expressed in most tissues with highest levels in pancreas, kidney liver, heart and brain and lower levels in lung, placenta and skeletal muscle. Expression is higher in ER-positive breast tumors than ER-negative breast tumors.
Molecular Function	ATP-binding, Nucleotide binding; Kinase, Serine/threonine-protein kinase, Transferase
Structure	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. Contains 1 AGC-kinase C-terminal domain. Contains 1 protein kinase domain. Contains 1 PX (phox homology) domain.
Subcellular Location	Cytoplasmic vesicle; Early endosome; Recycling endosome
Preparation and Storage	-20° degree C for long term storage



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-SGK3 antibody	Affinity Purified Serine/Threonine-protein Kinase Sgk3 Antibody Serine/threonine-protein kinase which is involved in the regulation of a wide variety of ion channels, membrane transporters, cell growth, proliferation, survival and migration. Up-regulates Na ⁺ channels: SCNN1A/ENAC and SCN5A, K ⁺ channels: KCNA3/KV1.3, KCNE1, KCNQ1 and KCNH2/HERG, epithelial Ca ²⁺ channels: TRPV5 and TRPV6, chloride channel: BSND, creatine transporter: SLC6A8, Na ⁺ /dicarboxylate cotransporter: SLC13A2/NADC1, Na ⁺ -dependent phosphate cotransporter: SLC34A2/NAPI-2B, amino acid transporters: SLC1A5/ASCT2 and SLC6A19, glutamate transporters: SLC1A3/EAAT1, SLC1A6/EAAT4 and SLC1A7/EAAT5, glutamate receptors: GRIA1/GLUR1 and GRIK2/GLUR6, Na ⁺ /H ⁺ exchanger: SLC9A3/NHE3, and the Na ⁺ /K ⁺ ATPase. Plays a role in the regulation of renal tubular phosphate transport and bone density. Phosphorylates NEDD4L and GSK3B. Positively regulates ER transcription activity through phosphorylation of FLII. Negatively regulates the function of ITCH/AIP4 via its phosphorylation and thereby prevents CXCR4 from being efficiently sorted to lysosomes.
Product Categories/Family for anti-SGK3 antibody	Primary Antibodies; Protein Kinases; Serine/Threonine Kinases; SGK3 Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	28558163
NCBI GeneID	23678
UniProt Accession #	Q96BR1; Q9P1Q7; Q9UKG5; A8K5W3; B3KQC2
Molecular Weight	53,306 Da
NCBI Official Full Name	Serine/threonine-protein kinase Sgk3

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-immunoprecipitation-immunohistochemistry-immunofluorescence-immunocytochemistry-confocal-microscopy-elisa/76048>