

# SGK3 Polyclonal antibody

Catalog Number: 22100-1-AP

## Basic Information

**Catalog Number:**

22100-1-AP

**Size:**

150ul, Concentration: 333 µg/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG17308

**GenBank Accession Number:**

BC015326

**GeneID (NCBI):**

23678

**UNIPROT ID:**

Q53EW6

**Full Name:**

serum/glucocorticoid regulated kinase family, member 3

**Calculated MW:**

496 aa, 57 kDa

**Observed MW:**

42 kDa, 57 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:100-1:400

## Applications

**Tested Applications:**

IHC, ELISA

**Species Specificity:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : human liver cancer tissue,

## Background Information

Serum- and glucocorticoid-inducible kinase 3 (SGK3) is a protein kinase of the AGC family of protein kinase A, protein kinase G, and protein kinase C and functions downstream of phosphatidylinositol 3-kinase (PI3K) (PMID:21084382). It is also named as DKFZp781N0293, CISK, SGK2, SGK, and may be involved in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. SGK3 mediates cell IL-3-dependent survival signals (PMID:12397388). SGK3 has 2 isoforms produced by alternative splicing with the molecular weight of 57 kDa and 53 kDa and there is a isoform X3 can be detected with 378 amino acids (Sequence ID: ref|XP\_005251262.1|).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

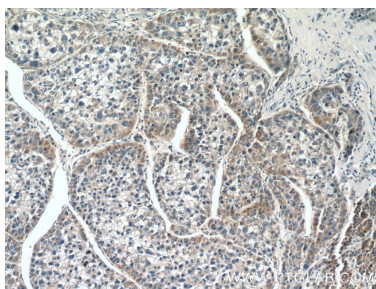
For technical support and original validation data for this product please contact:

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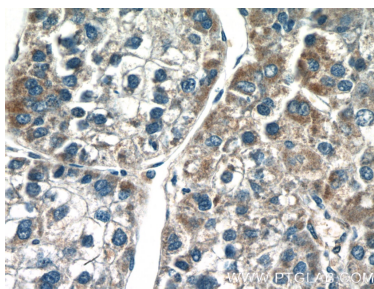
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22100-1-AP (SGK3 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 22100-1-AP (SGK3 Antibody) at dilution of 1:200 (under 40x lens).