

## SGK3 Polyclonal Antibody

Catalog number: 12699-1-AP

Size: 37 µg/150 µl

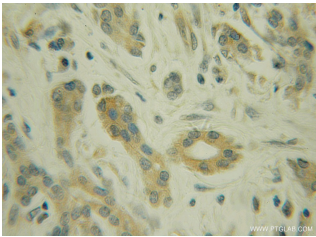
Source: Rabbit

Isotype: IgG

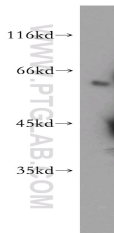
Synonyms:

SGK3; CISK, DKFZp781N0293,

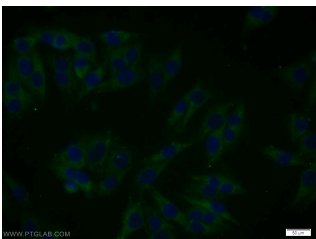
SGK3, SGK1



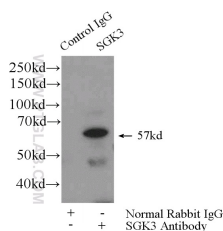
Immunohistochemical of paraffin-embedded human pancreas cancer using 12699-1-AP (SGK3 antibody) at dilution of 1:100 (under 10x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 12699-1-AP (SGK3 antibody) at dilution of 1:300



Immunofluorescent analysis of A375 cells using 12699-1-AP (SGK3 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IP Result of anti-SGK3

(IP:12699-1-AP, 4µg;

### Background

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, SGK1 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.

### Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated SGK3 MW:	496aa, 57 kDa
Observed SGK3 MW:	57 kDa
Positive WB detected in	HeLa cells, A375 cells, human liver tissue, mouse skin tissue, rat kidney tissue
Positive IP detected in	Mouse heart tissue
Positive IHC detected in	Human pancreas cancer tissue, human cervical cancer tissue
Positive IF detected in	A375 cells
Recommended dilution:	WB: 1:500-1:5000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag3149
GenBank accession number:	BC015326
Gene ID (NCBI):	23678
Full name:	Serum/glucocorticoid regulated kinase family, member 3

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:12699-1-AP 1:500)  
with mouse heart tissue lysate  
3200ug.