

SGK Polyclonal Antibody

CATALOG #:	3459-100
AMOUNT:	100 µg
LOT #:	_____
HOST:	Rabbit
IMMUNOGEN:	Synthetic peptide corresponding to the C-terminus of human SGK (Internal ID# BV-579).
SPECIES REACTIVITY:	human, mouse, rat

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-SGK polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

BACKGROUND:

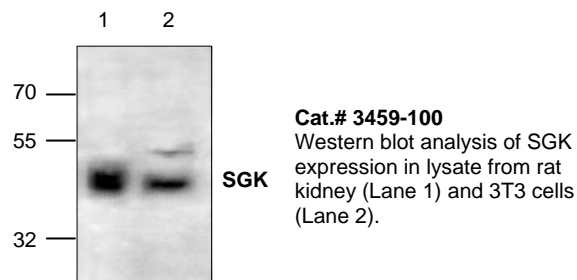
Serum and glucocorticoid-inducible kinase (SGK) is a serine/threonine kinase that is closely related to Akt. SGK is rapidly induced in response to a variety of stimuli, including serum, hormones, and osmotic shock, etc. SGK has been involved in modulating anti-apoptotic and cell cycle regulation, as well as in activating certain potassium, sodium and chloride channels.

SPECIFICITY:

The antibody detects SGK from samples of human, mouse, and rat origins.

APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). Per researcher's feedback, it can also be used in immunoprecipitation (10-20 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3459BP-50) is available separately.



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