SGK (S422) polyclonal antibody

Catalog: BCP01505 Host: Rabbit Reactivity: Human,Rat,Mouse

BackGround:

Serum and glucocorticoid-inducible kinase (SGK) is a serine/threonine kinase closely related to Akt. SGK is rapidly induced in response to a variety of stimuli, including serum, glucocorticoid, follicle stimulating hormone, osmotic shock, and mineralocorticoids. SGK activation can be accomplished via HGF PI3K-dependent pathways and by integrin-mediated PI3K-independent pathways. Induction and activation of SGK has been implicated in activating the modulation of anti-apoptotic and cell cycle regulation. SGK also plays an important role in activating certain potassium, sodium, and chloride channels, suggesting its involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. SGK is negatively regulated by ubiquitination and proteasome degradation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 58 kDa

Swiss-Prot:

O00141/Q9HBY8/Q96BR1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:2000~1:5000

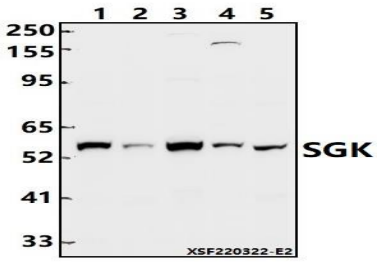
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

SGK (S422) polyclonal antibody detects endogenous levels of SGK protein.

DATA:



Western blot (WB) analysis of SGK (S422) polyclonal antibody at 1:2000 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:HEK293T whole cell lysate(40ug)

Lane4:BV2 whole cell lysate(40ug)

Lane5:PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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