

## Product Datasheet

# Phospho-SGK (Ser422) Antibody

Catalog No: CY6470

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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### Information

**UniProt ID:** O00141

**All Names:** EC 2.7.11.1, SGK, SGK1, Serum/glucocorticoid-regulated kinase, Serum/glucocorticoid-regulated kinase 1, Sgk, Sgk1, kinase SGK

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 54kDa

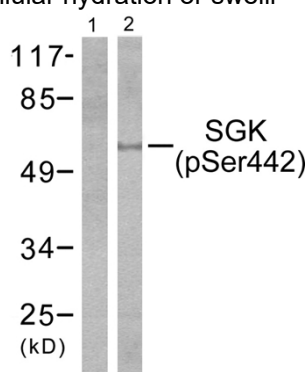
### Application

WB 1:500-1:2000

IHC 1:50-1:200

### Background

This gene encodes a serine/threonine protein kinase that is highly similar to the rat serum-and glucocorticoid-induced protein kinase (SGK). This gene was identified in a screen of hepatocellular genes regulated in response to cellular hydration or swelling.



Western blot analysis of extracts from HeLa cells treated with Insulin (0.01U/ml, 15mins), using SGK (phospho-Ser422) antibody.

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