SGK1 RABBIT PAB

Cat.#: S220085

Product Name: Anti-SGK1 Rabbit Polyclonal Antibody

Synonyms: SGK

UNIPROT ID: O00141 (Gene Accession - NP_001137148)

Background: This gene encodes a serine/threonine protein kinase that plays an important role in cellular stress response. This kinase activates certain potassium, sodium, and chloride channels, suggesting an involvement in the regulation of processes such as cell survival, neuronal excitability, and renal sodium excretion. High levels of expression of this gene may contribute to conditions such as hypertension and diabetic nephropathy. Several alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Immunogen: Synthetic peptide of human SGK1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 1000-2000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

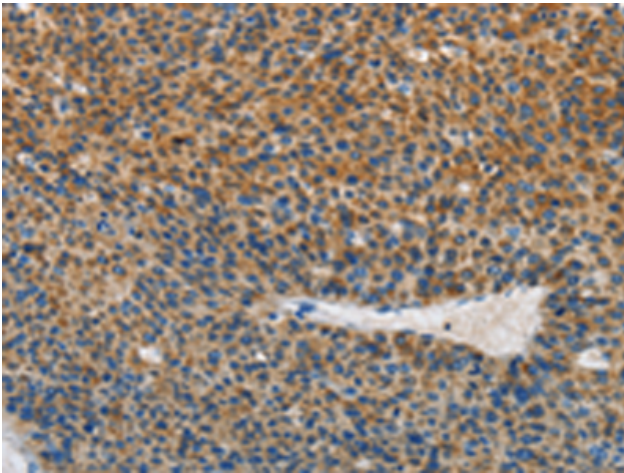**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

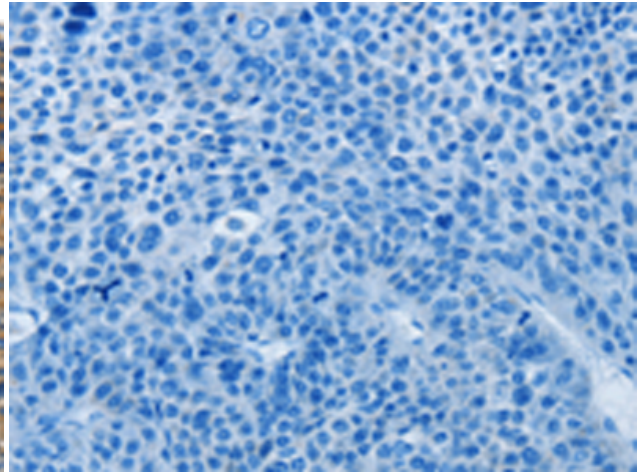**Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Stem Cells, Developmental Biology
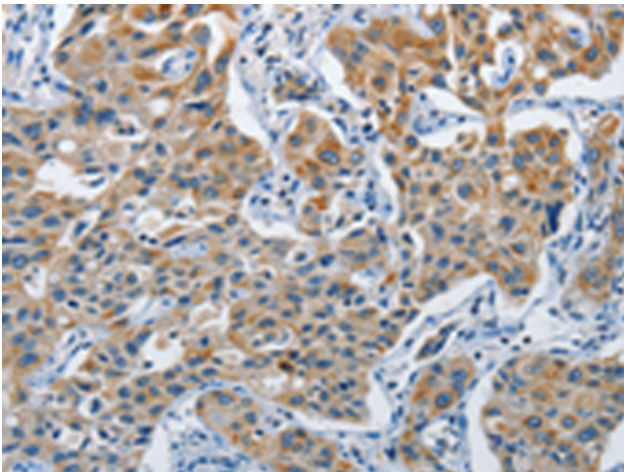
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing
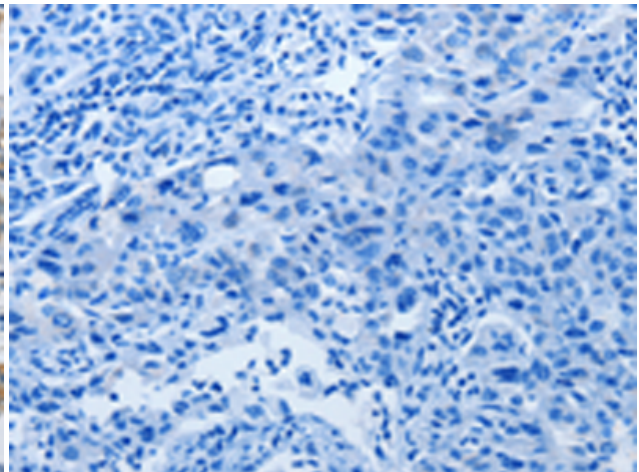
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220085(SGK1 Antibody) at a dilution of 1/25(Cytoplasm).

In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220085(Anti-SGK1 Antibody) at dilution 1/25.

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 220085(Anti-SGK1 Antibody) at a dilution of 1/25.

In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D260927(Anti-SGK1 Antibody) at dilution 1/25.