

## RPS6KB2 RABBIT PAB

**Cat.#:** S220777

**Product Name:** Anti-RPS6KB2 Rabbit Polyclonal Antibody

**Synonyms:** KLS; SRK; S6K2; STK14B; p70S6Kb; P70-beta; S6K-beta2; P70-beta-1; P70-beta-2; p70(S6K)-beta

**UNIPROT ID:** Q9UBS0 (Gene Accession - NP\_003943 )

**Background:** This gene encodes a member of the RSK (ribosomal S6 kinase) family of serine/threonine kinases. This kinase contains 2 nonidentical kinase catalytic domains and phosphorylates the S6 ribosomal protein and eucaryotic translation initiation factor 4B (eIF4B). Phosphorylation of S6 leads to an increase in protein synthesis and cell proliferation.

**Immunogen:** Synthetic peptide of human RPS6KB2

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 25-100;WB: 200-1000;ELISA: 1000-2000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

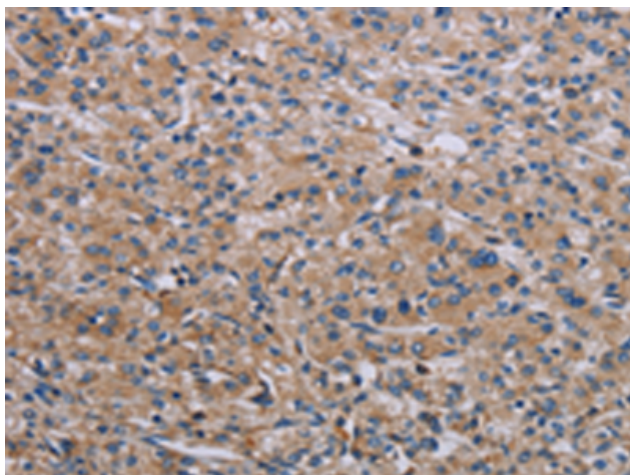
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

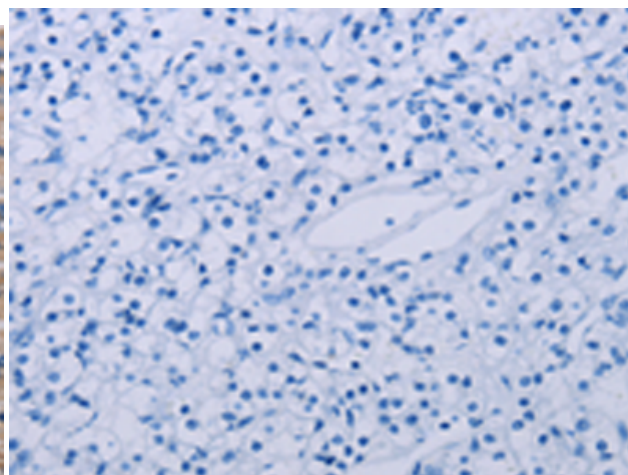
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Metabolism

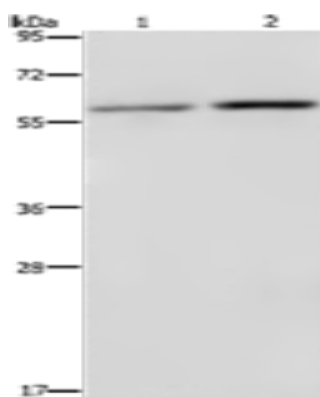
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 220777(RPS6KB2 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the synthetic peptide and then with 220777(Anti-RPS6KB2 Antibody) at dilution 1/40.



Gel: 8%SDS-PAGE, Lysate: 40  $\mu$ g;  
Lane 1-2: HeLa cells, K562 cells;  
Primary antibody: 220777(RPS6KB2 Antibody) at dilution 1/250;  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
Exposure time: 10 minutes