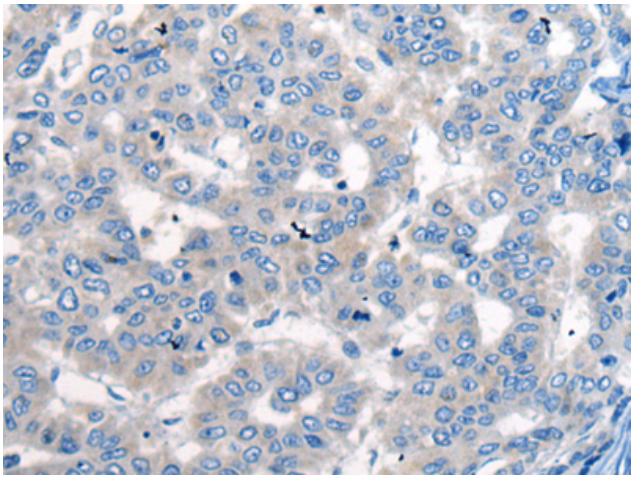
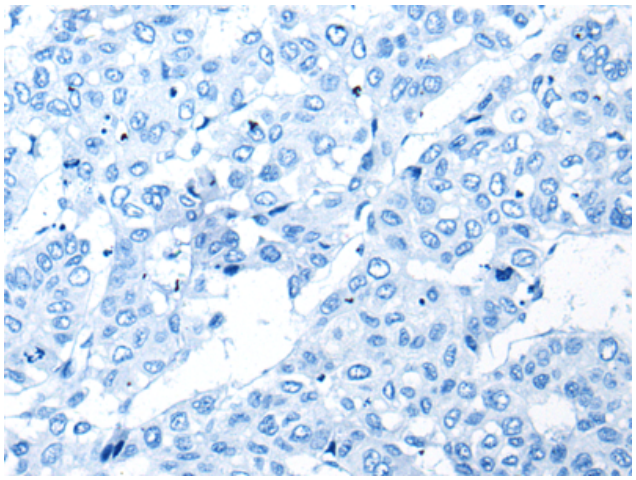
# GSK3B RABBIT PAB

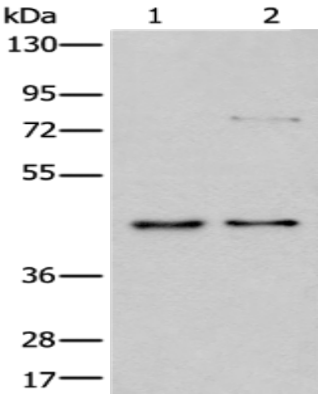
**Cat.#:** S219840
**Product Name:** Anti-GSK3B Rabbit Polyclonal Antibody
**Synonyms:**
**UNIPROT ID:** P49841 (Gene Accession - NP_002084 )
**Background:** The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
**Immunogen:** Synthetic peptide of human GSK3B
**Applications:** ELISA, WB, IHC
**Recommended Dilutions:** IHC: 20-100;WB: 200-1000;ELISA: 5000-10000
**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, Cancer, Metabolism, Neuroscience, Cardiovascular
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219840(GSK3B 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 219840(Anti-GSK3B Antibody) at dilution 1/25.




Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: A549 and HT-29 cell lysates;
Primary antibody: 219840(GSK3B Antibody) at dilution 1/400;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 10 minutes