

TLK2 RABBIT PAB

Cat.#: S217913

Product Name: Anti-TLK2 Rabbit Polyclonal Antibody

Synonyms: HsHPK; MRD57; PKU-ALPHA

UNIPROT ID: Q86UE8 (Gene Accession - BC044925)

Background: This gene encodes a nuclear serine/threonine kinase that was first identified in Arabidopsis. The encoded protein is thought to function in the regulation of chromatin assembly in the S phase of the cell cycle by regulating the levels of a histone H3/H4 chaperone. This protein is associated with double-strand break repair of DNA damage caused by radiation. Pseudogenes of this gene are present on chromosomes 10 and 17. Alternate splicing results in multiple transcript variants.

Immunogen: Fusion protein of human TLK2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

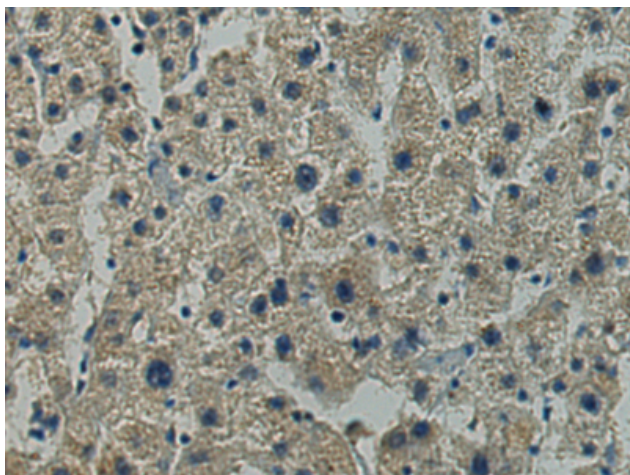
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

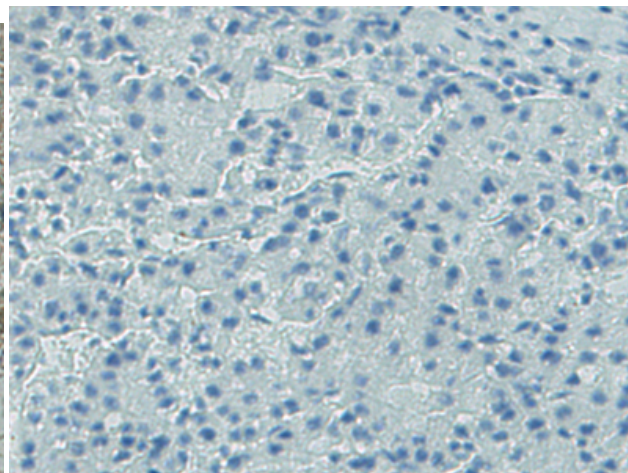
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Cancer

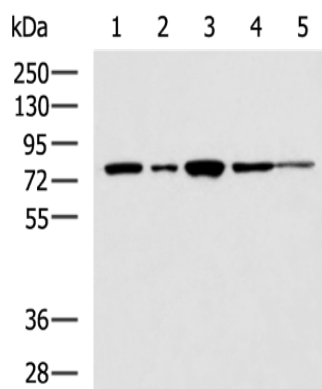
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217913(TLK2 Antibody) at a dilution of 1/120(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217913(Anti-TLK2 Antibody) at dilution 1/120.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
 Lane 1-5: 293T, HT-29, RAW264.7, LOVO, TM4 cell lysates;
 Primary antibody: 217913(TLK2 Antibody) at dilution 1/650;
 Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
 Exposure time: 10 seconds