

## CDC7 RABBIT PAB

**Cat.#:** S220450

**Product Name:** Anti-CDC7 Rabbit Polyclonal Antibody

**Synonyms:** HskI; CDC7L1; HsCDC7; huCDC7

**UNIPROT ID:** O00311 (Gene Accession - NP\_001127891)

**Background:** This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected.

**Immunogen:** Synthetic peptide of human CDC7

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 100-300; ELISA: 2000-10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

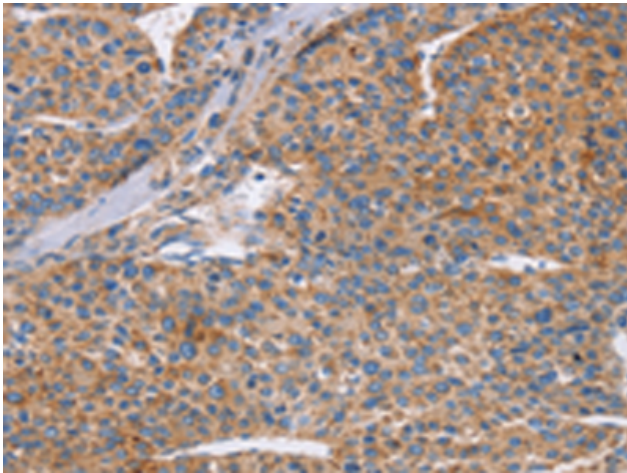
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

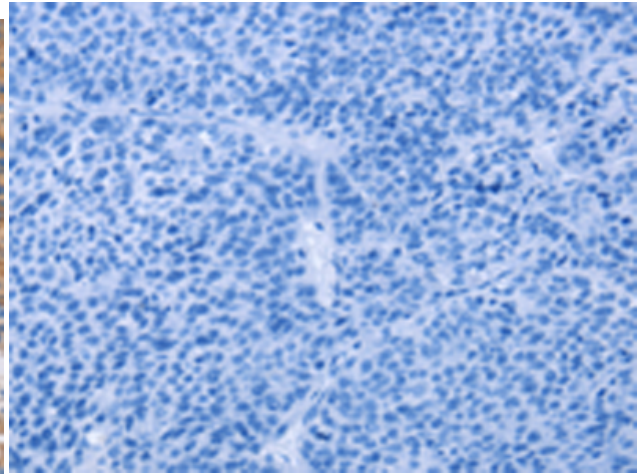
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Epigenetics and Nuclear Signaling, Cancer

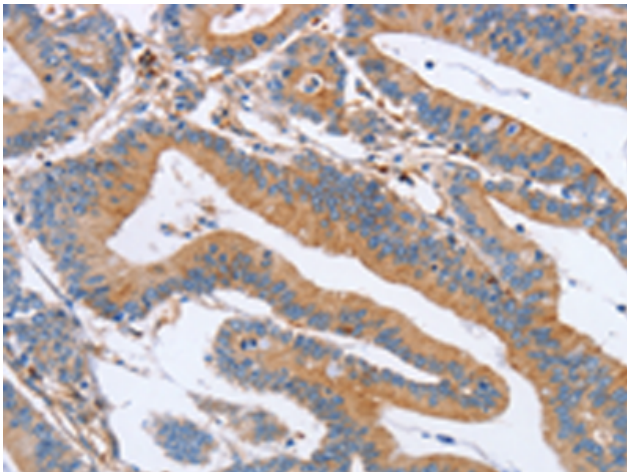
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



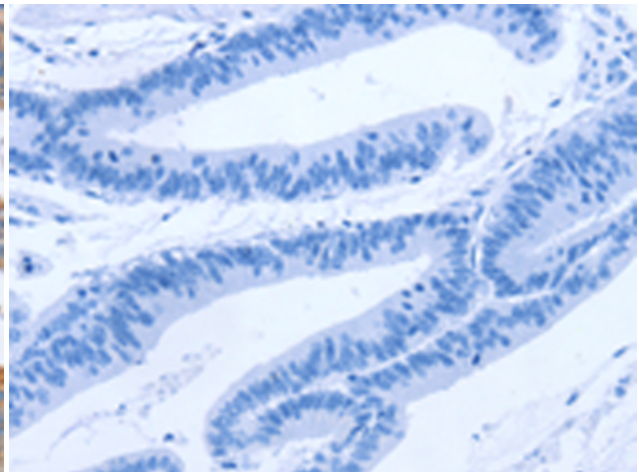
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220450(CDC7 Antibody) at a dilution of 1/70(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220450(Anti-CDC7 Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 220450(Anti-CDC7 Antibody) at a dilution of 1/70.



In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D261545(Anti-CDC7 Antibody) at dilution 1/70.