

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## TRPM7 RABBIT PAB

Cat.#: S220242

**Product Name:** Anti-TRPM7 Rabbit Polyclonal Antibody

**Synonyms:** CHAK; CHAK1; ALSPDC; LTRPC7; TRP-PLIK

**UNIPROT ID:** Q96QT4 (Gene Accession - NP\_060142)

**Background:** The protein encoded by this gene is both an ion channel and a serine/threonine protein kinase. The kinase activity is essential for the ion channel function, which serves to increase intracellular calcium levels and to help regulate magnesium ion homeostasis. Defects in this gene are a cause of amyotrophic lateral sclerosis-parkinsonism/dementia complex of Guam.

**Immunogen:** Synthetic peptide of human TRPM7

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000

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

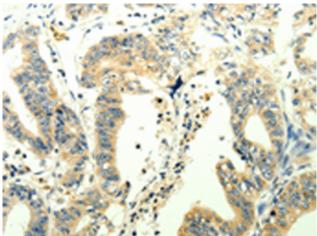
Research Areas: Neuroscience

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

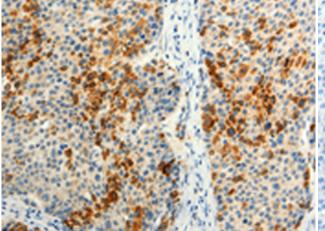


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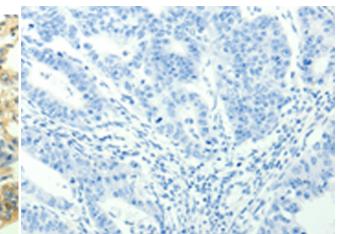
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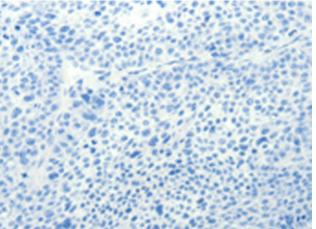
Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 220242(TRPM7 Antibody) at a dilution of 1/25(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human liver cancer tissue using 220242(Anti-TRPM7 Antibody) at a dilution of 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the synthetic peptide and then with 220242(Anti-TRPM7 Antibody) at dilution 1/25.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D261188(Anti-TRPM7 Antibody) at dilution 1/25.