

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **ITPKC RABBIT PAB**

Cat.#: S222240

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

Synonyms: IP3KC; IP3-3KC

**UNIPROT ID:** Q96DU7 (Gene Accession - NP\_079470)

**Background:** This gene encodes a member of the inositol 1,4,5-trisphosphate [Ins(1,4,5)P(3)] 3-kinase family of enzymes that catalyze the phosphorylation of inositol 1,4,5-trisphosphate to 1,3,4,5-tetrakisphosphate. The encoded protein is localized to the nucleus and cytoplasm and has both nuclear import and nuclear export activity. Single nucleotide polymorphisms in this gene are

associated with Kawasaki disease.

Immunogen: Synthetic peptide of human ITPKC

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 30-150; ELISA: 5000-10000

**Host Species:** Rabbit

Clonality: Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

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

glycerol

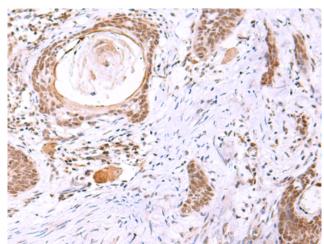
**Research Areas:** Signal Transduction

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

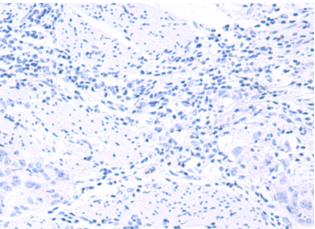


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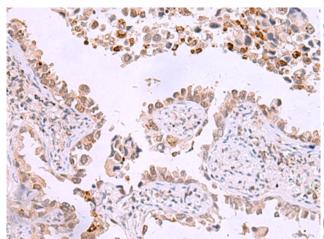
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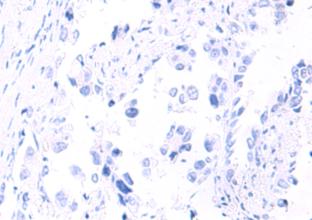
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 222240(ITPKC Antibody) at a dilution of 1/30(Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 222240(Anti-ITPKC Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffinembedded Human lung cancer tissue using 222240(Anti-ITPKC Antibody) at a dilution of 1/30.



In comparision with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with synthetic peptide and then with D264267(Anti-ITPKC Antibody) at dilution 1/30.