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# ITPKC Polyclonal Antibody

**Cat #:** G-AB-06016

**Host:** Rabbit **Reactivity:** Human

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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.ITPKC (Inositol-Trisphosphate 3-Kinase C) is a Protein Coding gene. Diseases associated with ITPKC include Kawasaki Disease and Lymph Node Disease. Among its related pathways are Inositol phosphate metabolism (KEGG) and Calcium signaling pathway. GO annotations related to this gene include calmodulin binding and inositol-1,4,5-trisphosphate 3-kinase activity. An important paralog of this gene is ITPKB.

**Gene ID:**

**Accession #:** NP079470

**Immunogen:** Synthetic peptide of human ITPKC

**Conjugation:** Unconjugated

**Swissprot:** Q96DU7

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 0.9 mg/mL

**Buffer:** PBS with 0.05% NaN3 and 40% Glycerol, pH7.4

**Purification Method:** Antigen affinity purification

**Application:** IHC,ELISA

**Dilution:** IHC 1:30-1:150, ELISA 1:5000-1:10000

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.