

ITPKC Polyclonal Antibody

Catalog Number: E-AB-18123



Note: Centrifuge before opening to ensure complete recovery of vial contents.

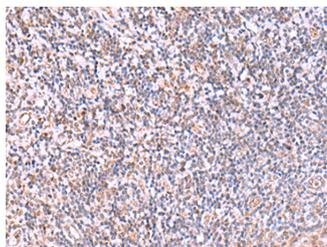
Description

Reactivity	Human
Immunogen	Synthetic peptide of human ITPKC
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol, pH 7.4

Applications Recommended Dilution

IHC	1:30-1:150
ELISA	1:5000-1:10000

Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ITPKC Polyclonal Antibody at dilution of 1:40 (×200)

Preparation & Storage

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

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. 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.

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