Datasheet for ABIN7245329
anti-ITPKC antibody

1	Image

Overview

Quantity:	200 μL
Target:	ITPKC
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITPKC antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human ITPKC
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	ITPKC
Alternative Name:	ITPKC (ITPKC Products)
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

Target Details

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.

UniProt:	Q96DU7

Application Details

Application Notes:	IHC 1:30-1:150, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

Handling

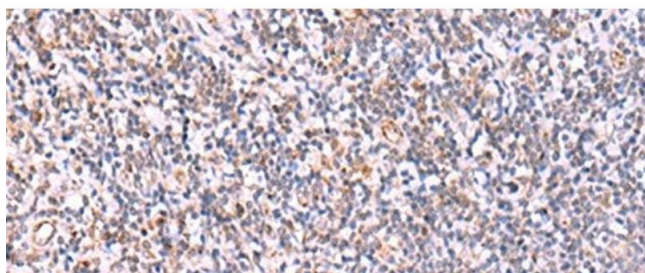|	
Format:	Liquid
Concentration:	1.08 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using ITPKC Polyclonal Antibody at dilution of 1:40(x200)