



ITPKC Antibody

CATALOG NUMBER: 42-050



Western blot analysis of ITPKC in human pancreas lysate (35 ug protein in RIPA buffer) using ITPKC Antibody at 1 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:2000. Western Blot: Approximately 75 kDa band observed in human pancreas lysates (calculated MW of 75.2 kDa according to NP_079470.1). Recommended concentration: 1-3 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1307 - Human Pancreas Tissue Lysate
IMMUNOGEN:	ITPKC antibody was raised against a 15 amino acid synthetic peptide near the internal region of ITPKC.
HOST SPECIES:	Goat

Properties

PURIFICATION:	ITPKC antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	ITPKC antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	IP3KC, inositol 1, 4, 5-trisphosphate 3-kinase C, ITPKC, IP3KC
ACCESSION NO.:	NP_079470.1
PROTEIN GI NO.:	18643383
OFFICIAL SYMBOL:	ITPKC
GENE ID:	80271

Background

REFERENCES:

1) Onouchi Y, Gunji T, Burns JC, Shimizu C, Newburger JW, Yashiro M, Nakamura Y, Yanagawa H, Wakui K, Fukushima Y, Kishi F, Hamamoto K, Terai M, Sato Y, Ouchi K, Saji T, Nariai A, Kaburagi Y, Yoshikawa T, Suzuki K, Tanaka T, Nagai T, Cho H, Fujino A, Sekine A, Nakamichi R, Tsunoda T, Kawasaki T, Nakamura Y, Hata A. ITPKC functional polymorphism associated with Kawasaki disease susceptibility and formation of coronary artery aneurysms. *Nat Genet.* 2008 Jan;40(1):35-42. Epub 2007 Dec 16.

FOR RESEARCH USE ONLY

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