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Datasheet for ABIN570944 anti-ITPKC antibody (Internal Region)

I Image



Overview

Quantity:	100 µg
Target:	ITPKC
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ITPKC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

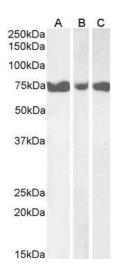
Product Details

Purpose:	IP3KC
Immunogen:	Peptide with sequence C-ETERPKQKTEPDRSS, from the internal region of the protein sequence according to NP_079470.1.
Sequence:	ETERPKQKTE PDRSS
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	ITPKC
Alternative Name:	ITPKC (ITPKC Products)
Background:	ITPKC, inositol 1,4,5-trisphosphate 3-kinase C, IP3KC
Gene ID:	80271
NCBI Accession:	NP_079470
Application Details	
Application Notes:	Western Blot: Approx. 75 kDa band observed in Human Pancreas, Heart and Skeletal Muscle
	lysates (calculated MW of 75.2 kDa according to NP_079470.1). Recommended concentration:
	1-3 μg/mL.
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN570944 (1µg/ml) staining of Human Pancreas (A), Heart (B) and Skeletal Muscle (C) lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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