

# IPMK Polyclonal antibody

Catalog Number: 30161-1-AP

## Basic Information

**Catalog Number:**

30161-1-AP

**Size:**

400 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG32377

**GenBank Accession Number:**

BC065709

**GeneID (NCBI):**

253430

**UNIPROT ID:**

Q8NFU5

**Full Name:**

inositol polyphosphate multikinase

**Observed MW:**

42-47 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:8000

IF/ICC 1:200-1:800

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

**WB :** A431 cells, HeLa cells, HepG2 cells, MCF-7 cells

**IF/ICC :** A431 cells,

## Background Information

IPMK plays an important role in MLKL-mediated necroptosis via its role in the biosynthesis of inositol pentakisphosphate (InsP5) and inositol hexakisphosphate (InsP6). It is required for normal embryonic development, probably via its role in the biosynthesis of inositol 1,3,4,5,6-pentakisphosphate (Ins(1,3,4,5,6)P5) and inositol hexakisphosphate (InsP6).

## Storage

**Storage:**

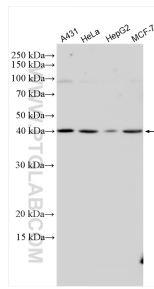
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

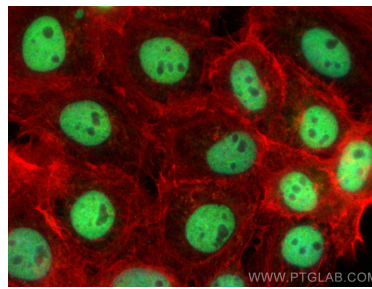
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30161-1-AP (IPMK antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using IPMK antibody (30161-1-AP) at dilution of 1:400 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).