

For Research Use Only

# IPMK Polyclonal antibody

Catalog Number: 30161-1-AP



## Basic Information

<b>Catalog Number:</b> 30161-1-AP	<b>GenBank Accession Number:</b> BC065709	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 400 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 253430	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NFU5	
<b>Isotype:</b> IgG	<b>Full Name:</b> inositol polyphosphate multikinase	
<b>Immunogen Catalog Number:</b> AG32377	<b>Observed MW:</b> 42-47 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human	<b>WB :</b> A431 cells, HeLa cells, HepG2 cells, MCF-7 cells <b>IF/ICC :</b> 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

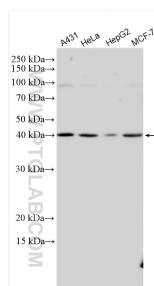
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

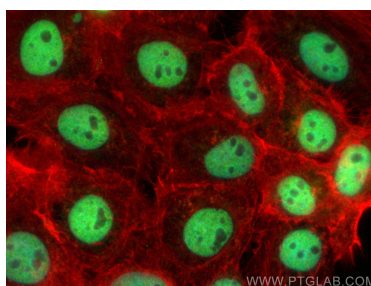
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



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).