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Datasheet for ABIN7298338

# anti-IPPK antibody (N-Term)



Alternative Name:



Overview	
Quantity:	100 μL
Target:	IPPK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IPPK antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunochromatography (IC)
Product Details	
lmmunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human IPPK.
Specificity:	Recognizes endogenous levels of IPPK protein.
Characteristics:	Rabbit polyclonal antibody to IPPK
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	IPPK
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IPPK (IPPK Products)

### **Target Details**

Background:	C9orf12, Inositol-pentakisphosphate 2-kinase, IPK1 homolog, Inositol-1,3,4,5,6-pentakisphosphate 2-kinase, Ins(1,3,4,5,6)P5 2-kinase, InsP5 2-kinase
Gene ID:	64768, 75678, 306808
UniProt:	Q9H8X2, Q6P1C1, Q5PXE9

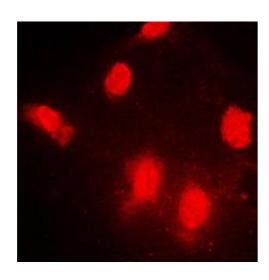
#### **Application Details**

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)
Restrictions:	For Research Use only

### Handling

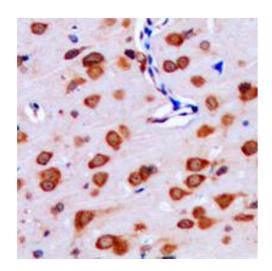
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

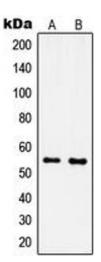
#### **Images**



#### **Immunofluorescence**

Image 1. Immunofluorescent analysis of IPPK staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room





temperature in the dark. DAPI was used to stain the cell nuclei (blue).

#### **Immunohistochemistry**

Image 2. Immunohistochemical analysis of IPPK staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## **Western Blotting**

**Image 3.** Western blot analysis of IPPK expression in MCF7 (A), NIH3T3 (B) whole cell lysates.