

# INPP5E Rabbit Polyclonal Antibody



CAB17735

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

80kDa

### Calculated MW:

66kDa/70kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein Background

The protein encoded by this gene is an inositol 1, 4, 5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1, 4, 5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. Studies of the mouse counterpart suggest that this protein may hydrolyze phosphatidylinositol 3, 4, 5-trisphosphate and phosphatidylinositol 3, 5-bisphosphate on the cytoplasmic Golgi membrane and thereby regulate Golgi-vesicular trafficking. Mutations in this gene cause Joubert syndrome; a clinically and genetically heterogeneous group of disorders characterized by midbrain-hindbrain malformation and various associated ciliopathies that include retinal dystrophy, nephronophthisis, liver fibrosis and polydactyly. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]

## Immunogen information

### Gene ID:

56623

### Uniprot

Q9NRR6

### Synonyms:

CORS1; CPD4; JBTS1; MORMS; PPI5PIV; pharbin; INPP5E

### Immunogen:

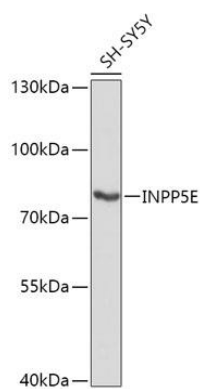
Recombinant fusion protein containing a sequence corresponding to amino acids 510-630 of human INPP5E (NP\_063945.2).

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot - INPP5E Polyclonal Antibody (CAB17735)