

# ITPKA Rabbit Polyclonal Antibody



CAB17503

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

55kDa

### Calculated MW:

51kDa

### Applications:

WB

### Reactivity:

Mouse, Rat

## Protein Background

Regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1, 4, 5-trisphosphate to Ins(1, 3, 4, 5)P<sub>4</sub>. The activity of the inositol 1, 4, 5-trisphosphate 3-kinase is responsible for regulating the levels of a large number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. It is also a substrate for the cyclic AMP-dependent protein kinase, calcium/calmodulin-dependent protein kinase II, and protein kinase C in vitro.[provided by RefSeq, Apr 2011]

## Immunogen information

### Gene ID:

3706

### Uniprot

P23677

### Synonyms:

IP3-3KA; IP3KA; ITPKA

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

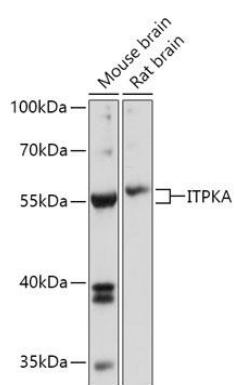
Recombinant fusion protein containing a sequence corresponding to amino acids 141-461 of human ITPKA (NP\_002211.1).

### 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 - ITPKA Polyclonal Antibody (CAB17503)