

**Anti-ITPKB Antibody**  
**Rabbit polyclonal antibody to ITPKB**  
**Catalog # AP59596****Specification**

---

**Anti-ITPKB Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P27987</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 102376                 |

**Anti-ITPKB Antibody - Additional Information****Gene ID** 3707**Other Names**

Inositol-trisphosphate 3-kinase B; Inositol 1, 4, 5-trisphosphate 3-kinase B; IP3 3-kinase B; IP3K B; InsP 3-kinase B

**Target/Specificity**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ITPKB. The exact sequence is proprietary.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-ITPKB Antibody - Protein Information****Name** ITPKB ([HGNC:6179](#))**Function**

Catalyzes the phosphorylation of 1D-myo-inositol 1,4,5- trisphosphate (InsP3) into 1D-myo-inositol 1,3,4,5-tetrakisphosphate and participates to the regulation of calcium homeostasis.

**Cellular Location**

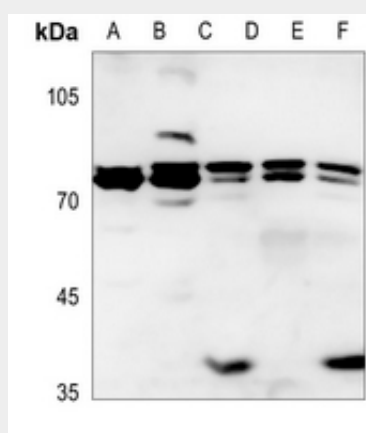
Cytoplasm, cytoskeleton. Cytoplasm Endoplasmic reticulum

## Anti-ITPKB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-ITPKB Antibody - Images



Western blot analysis of ITPKB expression in H1792 (A), PC12 (B), mouse muscle (C), mouse lung (D), rat muscle (E) whole cell lysates.

## Anti-ITPKB Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ITPKB. The exact sequence is proprietary.