

Anti-ITPKB Antibody

Catalog # AP59596

Product Information

Application	WB
Primary Accession	P27987
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102376

Additional Information

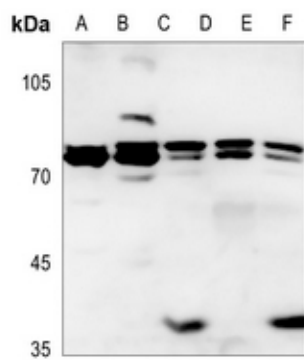
Gene ID	3707
Other Names	Inositol-trisphosphate 3-kinase B; Inositol 1, 4, 5-trisphosphate 3-kinase B; IP3 3-kinase B; IP3K B; InsP 3-kinase B
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ITPKB. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images

Western blot analysis of ITPKB expression in H1792 (A), PC12 (B), mouse muscle (C), mouse lung (D), rat muscle (E) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 74 kD)



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.