

Anti-ITPKB Polyclonal Antibody

Cat: K110264P

Summary:

【Product name】 : Anti-ITPKB antibody

【Source】 : Rabbit

【Isotype】 : IgG

【Species reactivity】 : Human Mouse Rat

Predicted:Cow

【Swiss Prot】 : P27987

【Gene ID】 : 3707

【Calculated】 : MW:67/102kDa

【Observed】 : MW:117kDa

【Purification】 : Affinity purification

【Tested applications】 : WB

【Recommended dilution】 : WB 1:1000-3000.

【WB Positive sample】 : Mouse brain,Rat brain

【Subcellular location】 : Cytoplasm

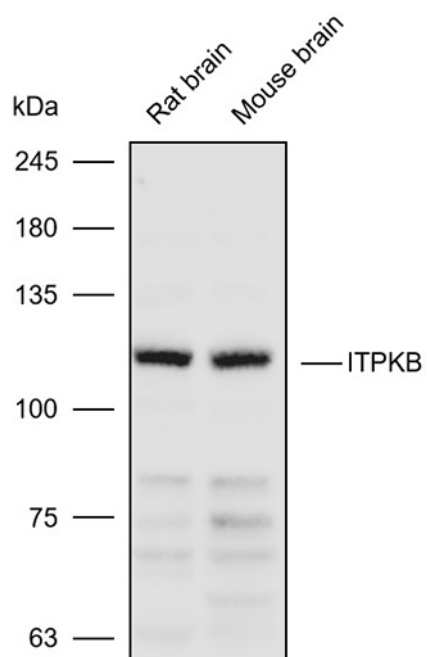
【Immunogen】 : A synthetic peptide of human ITPKB

【Storage】 : Shipped at 4°C. Upon delivery aliquot and store at -20°C

Background:

The protein encoded by this protein regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P₄. The activity of this encoded protein 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.

Verified picture



Western blot analysis with ITPKB antibody diluted at 1:2000; Lane: Mouse brain, Rat brain