



InsP 3-kinase B rabbit pAb

Cat No.:ES5962

For research use only

Overview

Product Name	InsP 3-kinase B rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	Synthesized peptide derived from InsP 3-kinase B . at AA range: 130-210
Specificity	InsP 3-kinase B Polyclonal Antibody detects endogenous levels of InsP 3-kinase B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Inositol-trisphosphate 3-kinase B
Gene Name	ITPKB
Cellular localization	Cytoplasm, cytoskeleton . Cytoplasm . Endoplasmic reticulum .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	100kD
Human Gene ID	3707
Human Swiss-Prot Number	P27987
Alternative Names	ITPKB; Inositol-trisphosphate 3-kinase B; Inositol 1; 4,5-trisphosphate 3-kinase B; IP3 3-kinase B; IP3K B; InsP 3-kinase B
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





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number of inositol polyphosphates that are important in cellular signaling. Both calcium/calmodulin and protein phosphorylation mechanisms control its activity. [provided by RefSeq, Jul 2008],



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