antibodies - online.com







anti-ITPKA antibody (N-Term)



Image



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Quantity:	400 μL	
Target:	ITPKA	
Binding Specificity:	AA 1-30, N-Term	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ITPKA antibody is un-conjugated	
Application:	Western Blotting (WB)	
Product Details		
Immunogen:	This ITPKA antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 1-30 amino acids from the N-terminal region of human ITPKA.	
Clone:	RB5345	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by	
	dialysis against PBS.	
Target Details		
Target:	ITPKA	
Alternative Name:	ITPKA (ITPKA Products)	

Target Details

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ITPKA regulates inositol phosphate metabolism by phosphorylation of second messenger inositol 1,4,5-trisphosphate to Ins(1,3,4,5)P4. 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. ITPKA and ITPKB are 68 % identical in the C-terminus region.

Molecular Weight:

51009

Gene ID:

3706

NCBI Accession:

NP_002211

UniProt:

P23677

Application Details

Application Notes:

WB: 1:1000

Restrictions:

For Research Use only

Handling

Format	
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Liquid

Buffer:

Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative:

Sodium azide

Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

should be handled by trained staff only.

Storage:

4 °C,-20 °C

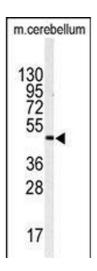
Storage Comment:

Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

aliquots to prevent freeze-thaw cycles.

Expiry Date:

6 months



Western Blotting

Image 1. Western blot analysis of anti-ITPKA Antibody (Nterm) (ABIN392799 and ABIN2842235) in mouse cerebellum tissue lysates (35 μ g/lane). ITPKA(arrow) was detected using the purified Pab.