

Ippk antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14169

Product Information

Application	WB
Primary Accession	Q6P1C1
Other Accession	NM_199056 , NP_951011
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55928

Additional Information

Gene ID	75678
Alias Symbol	1810043M15Rik, InsP6
Other Names	Inositol-pentakisphosphate 2-kinase, 2.7.1.158, Inositol-1, 3, 4, 5, 6-pentakisphosphate 2-kinase, Ins(1, 3, 4, 5, 6)P5 2-kinase, InsP5 2-kinase, Ippk
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Ippk antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Ippk antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

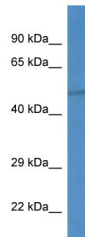
Name	Ippk
Function	Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-induced apoptosis.
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	In brain, it is expressed throughout the hippocampus (CA1, CA2, CA3 and dentate gyrus), inner layers of the cerebral cortex, and Purkinje cells of the

cerebellum. In heart, it is expressed in cardiomyocytes but not in interstitial cells, blood vessels, or valves. Also expressed in testis

References

Carninci P., et al. Science 309:1559-1563(2005).
Verbsky J., et al. Proc. Natl. Acad. Sci. U.S.A. 102:8448-8453(2005).

Images



WB Suggested Anti-Ippk Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Liver

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