

IPPK Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56360

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9H8X2
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56017

Additional Information

Gene ID	64768
Other Names	Inositol-pentakisphosphate 2-kinase, 2.7.1.158, IPK1 homolog, Inositol-1, 3, 4, 5, 6-pentakisphosphate 2-kinase, Ins(1, 3, 4, 5, 6)P5 2-kinase, InsP5 2-kinase, IPPK, C9orf12
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	IPPK
Synonyms	C9orf12
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-alpha-induced apoptosis.
Cellular Location	Cytoplasm. Nucleus.
Tissue Location	Ubiquitously expressed, with high expression in heart, brain, testis and placenta.

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