

IPPK Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51286**Specification**

IPPK Antibody - Product Information

Application	WB, IP, ICC, IHC-P, E
Primary Accession	Q9H8X2
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	56 KDa

IPPK Antibody - Additional Information**Gene ID** 64768**Other Names**

Inositol-pentakisphosphate 2-kinase, IPK1 homolog, Inositol-1, 6-pentakisphosphate 2-kinase, Ins(1, 6)P5 2-kinase, InsP5 2-kinase, IPPK, C9orf12

Dilution

WB~~1:1000
IP~~N/A
ICC~~N/A
IHC-P~~N/A
E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

IPPK Antibody - 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.

IPPK Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IPPK Antibody - Images**IPPK Antibody - Background**

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IPPK Antibody - References

Verbsky J.W.,et al.J. Biol. Chem. 277:31857-31862(2002).
Hulme D.J.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Humphray S.J.,et al.Nature 429:369-374(2004).
Verbsky J.,et al.J. Biol. Chem. 280:29263-29268(2005).