

IP6K3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17979a

Specification

IP6K3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q96PC2
Other Accession	NP_001136355.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	46417
Antigen Region	72-98

IP6K3 Antibody (N-term) - Additional Information

Gene ID 117283

Other Names

Inositol hexakisphosphate kinase 3, InsP6 kinase 3, Inositol hexaphosphate kinase 3, IP6K3, IHPK3

Target/Specificity

This IP6K3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-98 amino acids from the N-terminal region of human IP6K3.

Dilution

WB~~1:1000

Format

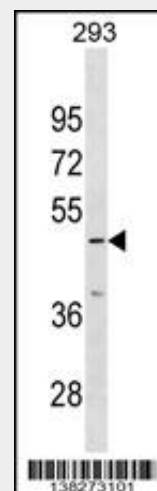
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IP6K3 Antibody (N-term) is for research use only and not for use in diagnostic or



IP6K3 Antibody (N-term) (Cat. #AP17979a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the IP6K3 antibody detected the IP6K3 protein (arrow).

IP6K3 Antibody (N-term) - Background

This gene encodes a protein that belongs to the inositol phosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing results in multiple transcript variants encoding the same protein.

IP6K3 Antibody (N-term) - References

Kestenbaum, B., et al. J. Am. Soc. Nephrol. 21(7):1223-1232(2010)
Barcellos, L.F., et al. PLoS Genet. 5 (10), E1000696 (2009) :
Saiardi, A., et al. J. Biol. Chem. 276(42):39179-39185(2001)

therapeutic procedures.

IP6K3 Antibody (N-term) - Protein Information

Name IP6K3

Synonyms IHPK3

Function

Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5). Converts 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.

Cellular Location

Cytoplasm.

Tissue Location

Detected in brain.

IP6K3 Antibody (N-term) - 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](#)