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IP6K3 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP17979a

Specification

IP6K3 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q96PC2

IP6K3 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 117283

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

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

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IP6K3 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- Blocking Peptides

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IP6K3 Antibody (N-term) Blocking Peptide - Images

IP6K3 Antibody (N-term) Blocking Peptide - Background

This gene encodes a protein that belongs to the inositolphosphokinase (IPK) family. This protein is likely responsible forthe conversion of inositol hexakisphosphate (InsP6) todiphosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may alsoconvert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4.Alternative splicing results in multiple transcript variantsencoding the same protein.

IP6K3 Antibody (N-term) Blocking Peptide - 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)