

IP6K3 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17979a**Specification**

IP6K3 Antibody (N-term) Blocking Peptide - Product InformationPrimary 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](#)

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 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) 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)