

IP6K1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16424a**Specification**

IP6K1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q92551](#)**IP6K1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9807**Other Names**

Inositol hexakisphosphate kinase 1, InsP6 kinase 1, Inositol hexaphosphate kinase 1, IP6K1, IHPK1, KIAA0263

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.

IP6K1 Antibody (N-term) Blocking Peptide - Protein Information**Name** IP6K1**Synonyms** IHPK1, KIAA0263**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. Nucleus

IP6K1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IP6K1 Antibody (N-term) Blocking Peptide - Images

IP6K1 Antibody (N-term) Blocking Peptide - Background

IP6K1 is a protein that belongs to the inositolphosphokinase (IPK) family. This protein is likely responsible for the conversion of inositol hexakisphosphate (InsP6) to di-phosphoinositol pentakisphosphate (InsP7/PP-InsP5). It may also convert 1,3,4,5,6-pentakisphosphate (InsP5) to PP-InsP4. Alternative splicing occurs for this gene; however, the full-length nature of all transcript variants has not yet been described.

IP6K1 Antibody (N-term) Blocking Peptide - References

Morgan, A.R., et al. Hum. Immunol. 71(6):602-609(2010) Padmanabhan, U., et al. J. Biol. Chem. 284(16):10571-10582(2009) Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006) Kamimura, J., et al. J. Hum. Genet. 49(7):360-365(2004) Saiardi, A., et al. J. Biol. Chem. 276(42):39179-39185(2001)