

IP6K2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9185c

Specification

IP6K2 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O9UHH9](#)

IP6K2 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 51447

Other Names

Inositol hexakisphosphate kinase 2, InsP6 kinase 2, P(i)-uptake stimulator, PiUS, IP6K2, IHPK2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP9185c](/products/AP9185c) was selected from the Center region of human IP6K2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

IP6K2 Antibody (Center) Blocking Peptide - Protein Information

Name IP6K2 {ECO:0000303|PubMed:30624931}

Synonyms IHPK2

Function

Converts inositol hexakisphosphate (InsP6) to diphosphoinositol pentakisphosphate (InsP7/PP-InsP5).

Cellular Location

Nucleus.

IP6K2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

IP6K2 Antibody (Center) Blocking Peptide - Images

IP6K2 Antibody (Center) Blocking Peptide - Background

IP6K2 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 and affect the growth suppressive and apoptotic activities of interferon-beta in some ovarian cancers.

IP6K2 Antibody (Center) Blocking Peptide - References

Morrison, B.H., et.al., J. Biol. Chem. 282 (21), 15349-15356 (2007) Nagata, E., et.al., J. Biol. Chem. 280 (2), 1634-1640 (2005)