

INPP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8886c**Specification**

INPP1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P49441](#)

INPP1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3628

Other Names

Inositol polyphosphate 1-phosphatase, IPP, IPPase, INPP1

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8886c](/products/AP8886c) was selected from the Center region of human INPP1. 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.

INPP1 Antibody (Center) Blocking Peptide - Protein Information

Name INPP1 ([HGNC:6071](#))

Function

Mg(2+)-dependent phosphatase that catalyzes the hydrolysis of the 1-position phosphate from inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate and participates in inositol phosphate metabolism.

Tissue Location

Ubiquitously expressed, with highest levels in pancreas and kidney

INPP1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

INPP1 Antibody (Center) Blocking Peptide - Images**INPP1 Antibody (Center) Blocking Peptide - Background**

INPP1 is the enzyme inositol polyphosphate-1-phosphatase, one of the enzymes involved in phosphatidylinositol signaling pathways. This enzyme removes the phosphate group at position 1 of the inositol ring from the polyphosphates inositol 1,4-bisphosphate and inositol 1,3,4-trisphosphate.

INPP1 Antibody (Center) Blocking Peptide - References

York, J.D., et.al., Proc. Natl. Acad. Sci. U.S.A. 90 (12), 5833-5837 (1993) Steen, V.M., et.al., Pharmacogenetics 8 (3), 259-268 (1998)