

PPAPDC2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17641a**Specification****PPAPDC2 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O8IY26](#)**PPAPDC2 Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 403313

Other Names

Presqualene diphosphate phosphatase, 313-, Phosphatidic acid phosphatase type 2 domain-containing protein 2, PPAP2 domain-containing protein 2, PPAPDC2

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.

PPAPDC2 Antibody (N-term) Blocking Peptide - Protein InformationName PLPP6 ([HGNC:23682](#))

Synonyms PPAPDC2

Function

Phosphatase that dephosphorylates presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may be indirectly involved in innate immunity. PSDP is a bioactive lipid that rapidly remodels to

PPAPDC2 Antibody (N-term) Blocking Peptide - Background

Phosphatase that dephosphorylates presqualene diphosphate (PSDP) into presqualene monophosphate (PSMP), suggesting that it may be indirectly involved in innate immunity. PSDP is a bioactive lipid that rapidly remodels to presqualene monophosphate PSMP upon cell activation. Displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid.

PPAPDC2 Antibody (N-term) Blocking Peptide - References

Miriyala, S., et al. J. Biol. Chem. 285(18):13918-13929(2010)Carlo, T., et al. Biochemistry 48(13):2997-3004(2009)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Fukunaga, K., et al. J. Biol. Chem. 281(14):9490-9497(2006)

presqualene monophosphate PSMP upon cell activation. Displays diphosphate phosphatase activity with a substrate preference for PSDP > FDP > phosphatidic acid.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location

Widely expressed. Expressed in most organs, in particular gastrointestinal organs, spleen, placenta, kidney, thymus and brain.

PPAPDC2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)