

POPDC2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP4778a

Specification

POPDC2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9HBU9](#)

POPDC2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 64091

Other Names

Popeye domain-containing protein 2, Popeye protein 2, POPDC2, POP2

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.

POPDC2 Antibody (N-term) Blocking Peptide - Protein Information

Name POPDC2

Synonyms POP2

Function

Important for the maintenance of cardiac function. Plays a regulatory function in heart rate dynamics mediated, at least in part, through cAMP-binding and, probably, by increasing cell surface expression of the potassium channel KCNK2 and enhancing current density.

Cellular Location

Membrane; Multi-pass membrane protein. Cell membrane, sarcolemma

Tissue Location

Expressed predominantly in the heart and in the skeletal muscle.

POPDC2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

POPDC2 Antibody (N-term) Blocking Peptide - Images

POPDC2 Antibody (N-term) Blocking Peptide - Background

POPDC2 encodes a member of the POP family of proteins which contain three putative transmembrane domains. This membrane associated protein is predominantly expressed in skeletal and cardiac muscle, and may have an important function in these tissues.

POPDC2 Antibody (N-term) Blocking Peptide - References

Andree, B., et al. Dev. Biol. 223(2):371-382(2000)