

SPDYC Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP16461a

Specification

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

Primary Accession

Q5MI68

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

Gene ID 387778

Other Names

Speedy protein C, Rapid inducer of G2/M progression in oocytes C, RINGO C, hSpy/Ringo C, SPDYC (HGNC:32681)

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.

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

Name SPDYC (HGNC:32681)

Function

Promotes progression through the cell cycle via binding and activation of CDK1 and CDK2. Involved in the spindle-assembly checkpoint. Required for recruitment of MAD2L1, BUBR1 and BUB1 to kinetochores. Required for the correct localization of the active form of Aurora B in prometaphase.

Cellular Location

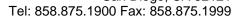
Cytoplasm. Note=Colocalizes with tubulin gamma during interphase. During mitosis, enriched at the spindle poles and the midbody during telophase

Tissue Location

Expressed in a variety of tissues including bone marrow, kidney, small intestine, liver, placenta and testis

SPDYC Antibody (N-term) Blocking Peptide - Protocols







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

• Blocking Peptides

SPDYC Antibody (N-term) Blocking Peptide - Images

SPDYC Antibody (N-term) Blocking Peptide - Background

SPDYC promotes progression through the cell cycle via binding and activation of CDK1 and CDK2.

SPDYC Antibody (N-term) Blocking Peptide - References

Cheng, A., et al. Cell Cycle 7(19):3037-3047(2008)Cheng, A., et al. Cell Cycle 4(1):155-165(2005)