

SGSM1 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20344c**Specification**

SGSM1 Blocking Peptide (Center) - Product InformationPrimary Accession [Q2NKO1](#)**SGSM1 Blocking Peptide (Center) - Additional Information****Gene ID** 129049**Other Names**

Small G protein signaling modulator 1, RUN and TBC1 domain-containing protein 2, SGSM1, KIAA1941, RUTBC2

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.

SGSM1 Blocking Peptide (Center) - Protein Information**Name** SGSM1**Synonyms** KIAA1941, RUTBC2**Function**

Interacts with numerous Rab family members, functioning as Rab effector for some, and as GTPase activator for others. Promotes GTP hydrolysis by RAB34 and RAB36. Probably functions as a GTPase effector with RAB9A and RAB9B; does not stimulate GTP hydrolysis with RAB9A and RAB9B.

Cellular Location

Golgi apparatus, trans-Golgi network {ECO:0000250|UniProtKB:Q8BPQ7}. Cytoplasmic vesicle membrane; Peripheral membrane protein. Cytoplasm Note=Recruited to cytoplasmic vesicle membranes via its interaction with Rab family members, such as RAB9A.

Tissue Location

Mainly expressed in brain, heart and testis.

SGSM1 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

SGSM1 Blocking Peptide (Center) - Images

SGSM1 Blocking Peptide (Center) - Background

The function of this protein remains unknown.