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SPHKAP Blocking Peptide
Catalog # PBV10512b

Specification

SPHKAP Blocking Peptide - Product Information

Primary Accession	Q2M3C7
Gene ID	80309
Calculated MW	186456

SPHKAP Blocking Peptide - Additional Information

Gene ID 80309

Application & Usage	**The peptide is used for blocking the antibody activity of SPHKAP. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30-60 minutes at 37°C.**

Other Names
A-kinase anchor protein SPHKAP, SPHK1-interactor and AKAP domain-containing protein, Sphingosine kinase type 1-interacting protein, SPHKAP, KIAA1678, SKIP

Target/Specificity
SPHKAP

Formulation
50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 50% glycerol, 1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
SPHKAP Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

SPHKAP Blocking Peptide - Protein Information

Name SPHKAP

Synonyms KIAA1678, SKIP

Function
Anchoring protein that binds preferentially to the type I regulatory subunit of c-AMP-dependent

protein kinase (PKA type I) and targets it to distinct subcellular compartments. May act as a converging factor linking cAMP and sphingosine signaling pathways. Plays a regulatory role in the modulation of SPHK1.

Cellular Location
Cytoplasm. Note=Colocalizes with SPHK1 in the cytoplasm

Tissue Location
Highly expressed in heart. Both isoforms abundantly expressed in ventricle. Also expressed in spleen, ovary and brain

SPHKAP Blocking Peptide - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SPHKAP Blocking Peptide - Images