10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ASPSCR1 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP8821b

Specification

ASPSCR1 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession Q9BZE9

ASPSCR1 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 79058

Other Names
Tether containing UBX domain for GLUT4, Alveolar soft part sarcoma chromosomal region candidate gene 1 protein, Alveolar soft part sarcoma locus, Renal papillary cell carcinoma protein 17, UBX domain-containing protein 9, ASPSCR1, ASPL, RCC17, TUG, UBXD9, UBXN9

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8821b was selected from the C-term region of human ASPSCR1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

ASPSCR1 Antibody (C-term) Blocking Peptide - Protein Information

Name ASPSCR1

Synonyms ASPL, RCC17, TUG, UBXD9, UBXN9

Function
Tethering protein that sequesters GLUT4-containing vesicles in the cytoplasm in the absence of insulin. Modulates the amount of GLUT4 that is available at the cell surface (By similarity). Enhances VCP methylation catalyzed by VCPKMT.

Cellular Location
Endomembrane system; Peripheral membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Peripheral membrane protein. Cytoplasm Nucleus

Tissue Location
Ubiquitous. Highly expressed in testis, heart, skeletal muscle and pancreas.

ASPSCR1 Antibody (C-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ASPSCR1 Antibody (C-term) Blocking Peptide - Images

ASPSCR1 Antibody (C-term) Blocking Peptide - Background

ASPSCR1 is tethering protein that sequesters GLUT4-containing vesicles in the cytoplasm in the absence of insulin. Modulates the amount of GLUT4 that is available at the cell surface.

ASPSCR1 Antibody (C-term) Blocking Peptide - References

Bogan,J.S., et.al., Nature 425 (6959), 727-733 (2003)