

TUSC5 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17939c**Specification**

TUSC5 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8IXB3](#)**TUSC5 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 286753**Other Names**

Tumor suppressor candidate 5, Dispanin subfamily B member 1, DSPB1, Interferon-induced transmembrane domain-containing protein D3, Protein located at seventeen-p-thirteen point three 1, TUSC5, IFITMD3, LOST1

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.

TUSC5 Antibody (Center) Blocking Peptide - Protein Information**Name** TRARG1 ([HGNC:29592](#))**Function**

Regulates insulin-mediated adipose tissue glucose uptake and transport by modulation of SLC2A4 recycling. Not required for SLC2A4 membrane fusion upon an initial stimulus, but rather is necessary for proper protein recycling during prolonged insulin stimulation.

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q8C838}; Single-pass membrane protein {ECO:0000250|UniProtKB:Q8C838} Endomembrane system {ECO:0000250|UniProtKB:Q8C838}; Single-pass membrane protein {ECO:0000250|UniProtKB:Q8C838}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:Q8C838}. Note=Shifts from low-density microsome vesicles to the cell membrane upon insulin stimulation {ECO:0000250|UniProtKB:Q8C838}

Tissue Location

Expressed at high levels in heart, mammary gland, adrenal gland, stomach, smooth muscle and skeletal muscle, and at lower levels in brain and lung. Strongly down-regulated in lung cancer tissues, due to hypermethylation of the corresponding locus (PubMed:12660825). Expressed in adipose tissue (PubMed:26629404)

TUSC5 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TUSC5 Antibody (Center) Blocking Peptide - Images**TUSC5 Antibody (Center) Blocking Peptide - Background**

TUSC5 may be involved in fat metabolism (By similarity).

TUSC5 Antibody (Center) Blocking Peptide - References

Oort, P.J., et al. Mol. Cell. Endocrinol. 276 (1-2), 24-35 (2007) :Konishi, H., et al. Oncogene 22(12):1892-1905(2003)