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TUSC5 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17939c

Specification

TUSC5 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	Q8IXB3
Other Accession	NP_758955.2
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**19254**
Antigen Region	**78-104**

TUSC5 Antibody (Center) - 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

Target/Specificity
This TUSC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 78-104 amino acids from the Central region of human TUSC5.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
TUSC5 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TUSC5 Antibody (Center) - 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}

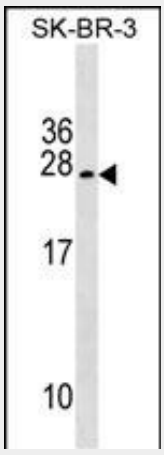
Tissue Location
Expressed at high levels in heart, mammary gland, adrenal gland, stomach, smooth muscle and skeletal muscle, and at lower levels in brain and lung. Strongly down-regulated in lung cancer tissues, due to hypermethylation of the corresponding locus (PubMed:12660825). Expressed in adipose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

TUSC5 Antibody (Center) - 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

TUSC5 Antibody (Center) - Images



TUSC5 Antibody (Center) (Cat. #AP17939c) western blot analysis in SK-BR-3 cell line lysates (35ug/lane).This demonstrates the TUSC5 antibody detected the TUSC5 protein (arrow).

TUSC5 Antibody (Center) - Background

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

TUSC5 Antibody (Center) - 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)