

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

**Specification**

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**TUSC5 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O8IXB3</a>
Other Accession	<a href="#">NP_758955.2</a>
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

**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

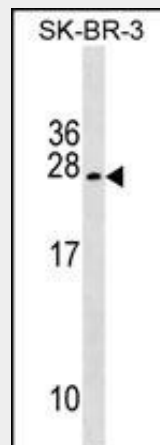
Expressed at high levels in heart, mammary gland, adrenal gland, stomach, smooth muscle and skeletal muscle, and at lower levels in brain and lung. Strongly down-regulated in lung cancer tissues, due to hypermethylation of the corresponding locus (PubMed:12660825). Expressed in adipose tissue (PubMed:26629404)

### 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 Cytometry](#)
- [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)