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TUSC5 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17939c

Product Information

Application	WB, E
Primary Accession	Q8IXB3
Other Accession	NP_758955.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38040
Calculated MW	19254
Antigen Region	78-104

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.

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)

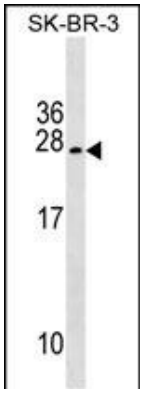
Background

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

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)

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).