



LOST1 Monoclonal Antibody

Catalog No	YP-mAb-00433
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	TUSC5
Protein Name	Tumor suppressor candidate 5
Immunogen	The antiserum was produced against synthesized peptide derived from human TUSC5. AA range:1-50
Specificity	LOST1 Monoclonal Antibody detects endogenous levels of LOST1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TUSC5; IFITMD3; LOST1; 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
Observed Band	22kD
Cell Pathway	Cell membrane ; Single-pass membrane protein . Endomembrane system ; Single-pass membrane protein . Cytoplasm, perinuclear region . Shifts from low-density microsome vesicles to the cell membrane upon insulin stimulation. .
Tissue Specificity	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).
Function	developmental stage:Expressed in fetal brain.,function:May be involved in fat metabolism.,similarity:Belongs to the CD225 family.,tissue specificity: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.,



Background

developmental stage: Expressed in fetal brain., function: May be involved in fat metabolism., similarity: Belongs to the CD225 family., tissue specificity: 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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

