LOST1 Polyclonal Antibody

Catalog No	YP-Ab-00433
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	TUSC5
Immunogen	The antiserum was produced against synthesized peptide derived from human TUSC5. AA range:1-50
Specificity	LOST1 Polyclonal Antibody detects endogenous levels of LOST1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IFITMD3;LOST1;tumor suppressor candidate 5;TUSC5;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
Calculated Molecular Weight	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

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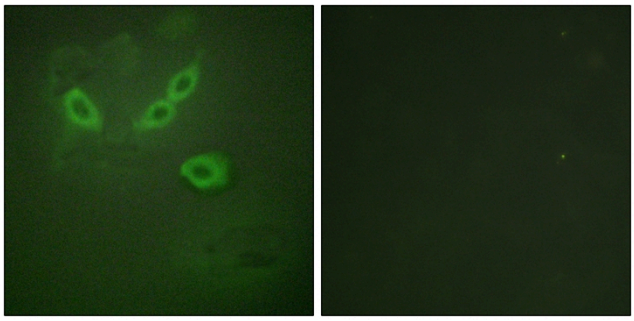
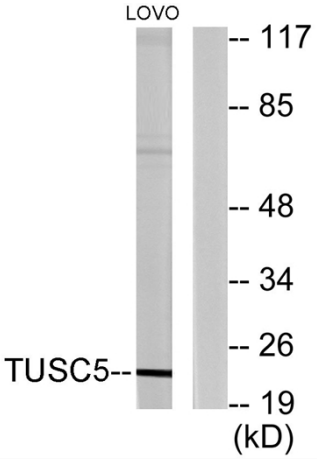
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

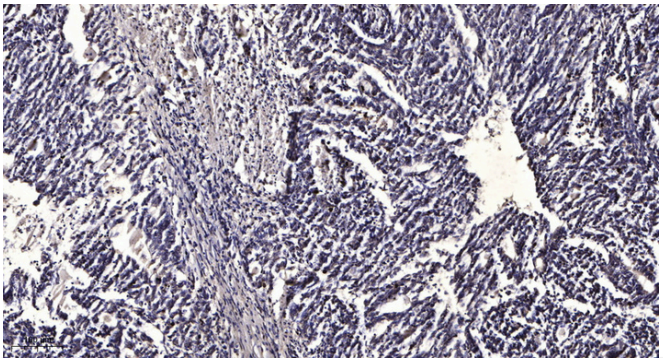
Products Images



Immunofluorescence analysis of HeLa cells, using TUSC5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using TUSC5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).