



LASS2 Mouse mAb

Catalog No	YP-mAb-18491
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CERS2 LASS2 TMSG1
Immunogen	Synthesized peptide derived from human LASS2
Specificity	This antibody detects endogenous levels of LASS2 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Ceramide synthase 2;CerS 2;CerS2;CERS2_HUMAN;FLJ1243;L3;LAG1 homolog ceramide synthase 2;LAG1 longevity assurance 2;LAG1 longevity assurance homolog 2;LASS 2;Longevity assurance (LAG1 <i>S. cerevisiae</i>) homolog 2;MGC987;SP 26;SP26;TMSG 1;TMSG1;Tumor metastasis suppressor;Tumor metastasis suppressor gene 1 protein;Tumor metastasis-suppressor gene 1 protein;CERS2 LASS2 TMSG1;Ceramide synthase 2 (CerS2) (LAG1 longevity assurance homolog 2) (SP260) (Tumor metastasis-suppressor gene 1 protein)
Observed Band	42kD
Calculated Molecular Weight	45 kDa; 45kD(Calculated).
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in kidney, liver, brain, heart, placenta and lung.
Function	Ceramide synthase that catalyzes the transfer of the acyl chain from acyl-CoA to a sphingoid base, with high selectivity toward very-long-chain fatty acyl-CoA (chain length C22-C27) . N-acylates sphinganine and sphingosine bases to form dihydroceramides and ceramides in de novo synthesis and salvage pathways, respectively (By similarity) . Plays a non-redundant role in the synthesis of ceramides with very-long-chain fatty acids in kidney, liver and brain. Regulates



the abundance of myelin-specific sphingolipids galactosylceramide and sulfatide that affects myelin sheath architecture and motor neuron functions (By similarity).

Background

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