

Datasheet for ABIN7073433

anti-LASS4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	LASS4 (CERS4)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LASS4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse LASS4
Cross-Reactivity:	Human, Rat
Purification:	Affinity purification

Target Details

Target:	LASS4 (CERS4)
Alternative Name:	LASS4 (CERS4 Products)
Background:	LASS4 is a member of the LASS (longevity assurance homologue) family which are involved in determining life span in yeast, by an unknown molecular mechanism. Members of this family are highly conserved from yeasts to mammals. LASS proteins are thought to be involved in ceramide synthesis. Overproduction of a single LASS protein results in an increase in one or more specific ceramide species, which differ in fatty-acid chain length. LASS proteins possess

Target Details

specific fatty acyl-CoA preferences, but all can use sphingosine or dihydrosphingosine as the long-chain base substrate. LASS family members exhibit different tissue-specific expression patterns, which may contribute to the production of tissue-specific ceramides.

Molecular Weight:	46 kDa
Gene ID:	67260
NCBI Accession:	NP_080334
UniProt:	Q9D6J1

Application Details

Application Notes:	WB (H,M,R) 1:500- 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

Images

Western Blotting

Image 1. Western blot analysis of LASS4 (ABIN7073433) at dilution of 1: 1000

