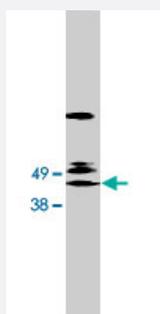


# LASS2 polyclonal antibody

Catalog # PAB10110

Size 50 ug

## Applications



### Western Blot (Tissue lysate)

Western blot analysis using LASS2 polyclonal antibody (Cat # PAB10110) at 10 ug/mL on human placenta lysate 14 ug/lane.

## Specification

**Product Description** Rabbit polyclonal antibody raised against synthetic peptide of LASS2.

**Immunogen** A synthetic peptide of human LASS2.

**Host** Rabbit

**Reactivity** Human

**Form** Liquid

**Quality Control Testing** Antibody Reactive Against Synthetic Peptide.

**Recommend Usage** Western blot (1:400)  
The optimal working dilution should be determined by the end user.

**Storage Buffer** In PBS (0.08% sodium azide)

**Storage Instruction** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note** This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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## Gene Info — LASS2

Entrez GeneID	<a href="#">29956</a>
Gene Name	LASS2
Gene Alias	CerS2, FLJ10243, L3, MGC987, SP260, TMSG1
Gene Description	LAG1 homolog, ceramide synthase 2
Omim ID	<a href="#">606920</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a protein that has sequence similarity to yeast longevity assurance gene 1. Mutation or overexpression of the related gene in yeast has been shown to alter yeast lifespan. The human protein may play a role in the regulation of cell growth. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
Other Designations	LAG1 longevity assurance 2 OTTHUMP00000033028 ceramide synthase 2 longevity assurance (LAG1, S. cerevisiae) homolog 2 tumor metastasis-suppressor

## Publication Reference

- [Differential expression of \(dihydro\)ceramide synthases in mouse brain: oligodendrocyte-specific expression of CerS2/Lass2.](#)  
Becker I, Wang-Eckhardt L, Yaghootfam A, Gieselmann V, Eckhardt M.  
Histochemistry and Cell Biology 2008 Feb; 129(2):233.
- [Manipulation of thyroid status and/or GH injection alters hepatic gene expression in the juvenile chicken.](#)  
Wang X, Carré W, Saxton AM, Cogburn LA.  
Cytogenetic and Genome Research 2007 Jul; 117(1-4):174.

- [Role of human longevity assurance gene 1 and C18-ceramide in chemotherapy-induced cell death in human head and neck squamous cell carcinomas.](#)

Senkal CE, Ponnusamy S, Rossi MJ, Bialewski J, Sinha D, Jiang JC, Jazwinski SM, Hannun YA, Ogretmen B.

Molecular Cancer Therapeutics 2007 Feb; 6(2):712.

## Disease

- [Kidney Failure](#)