

Datasheet for ABIN308419  
**anti-LASS1 antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	LASS1 (CERS1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This LASS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	LASS1
Immunogen:	Peptide with sequence C-KDLREYDTAE AQ, from the internal region of the protein sequence according to NP_067090.1, NP_937850.1.
Sequence:	KDLREYDTAE AQ
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_067090.1 and NP_937850.1).
Cross-Reactivity:	Cow, Human, Mouse, Pig
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: LASS1 (CERS1)

Alternative Name: CERS1 ([CERS1 Products](#))

Background: LAG1, CerS1, LASS1, LAG1 homolog, ceramide synthase 1, MGC90349, UOG1, LAG1 longevity assurance homolog 1, longevity assurance (LAG1, *S. cerevisiae*) homolog 1, longevity assurance gene 1, upstream of GDF1

Gene ID: 10715, 93898, 306351

NCBI Accession: [NP\\_067090](#), [NP\\_937850](#)

## Application Details

Application Notes: Western Blot: Approx. 37 kDa band observed in Human Brain (Cerebellum, Cerebral Cortex and Frontal Cortex) lysates (calculated MW of 38.0 kDa according to NP\_937850.1) An additional band of unknown identity was also consistently observed at 85 kDa. This  
Peptide ELISA: antibody detection limit dilution 1:64000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN308419 (1µg/ml) staining of Frontal Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.