

**Anti-LASS4 Antibody**  
**Rabbit polyclonal antibody to LASS4**  
**Catalog # AP59872****Specification**

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**Anti-LASS4 Antibody - Product Information**

|                   |                           |
|-------------------|---------------------------|
| Application       | WB, IP                    |
| Primary Accession | <a href="#">O9HA82</a>    |
| Other Accession   | <a href="#">O9D6J1</a>    |
| Reactivity        | Human, Mouse, Rat, Monkey |
| Host              | Rabbit                    |
| Clonality         | Polyclonal                |
| Calculated MW     | 46399                     |

**Anti-LASS4 Antibody - Additional Information****Gene ID** 79603**Other Names**

LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4

**Target/Specificity**

Recognizes endogenous levels of LASS4 protein.

**Dilution**

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100)

IP~~N/A

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-LASS4 Antibody - Protein Information****Name** CERS4 {ECO:0000303|PubMed:17977534, ECO:0000312|HGNC:HGNC:23747}**Function**

Ceramide synthase that catalyzes formation of ceramide from sphinganine and acyl-CoA substrates, with high selectivity toward long and very-long chains (C18:0-C22:0) as acyl donor.

**Cellular Location**

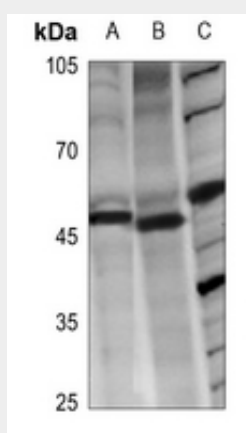
Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q9D6J1}; Multi-pass membrane protein

## Anti-LASS4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-LASS4 Antibody - Images



Western blot analysis of LASS4 expression in PC3 (A), PC12 (B), AML12 (C) whole cell lysates.

## Anti-LASS4 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human LASS4. The exact sequence is proprietary.