

**LASS4 Polyclonal Antibody**  
Catalog # AP70719**Specification**

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**LASS4 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9HA82</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

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

CERS4; LASS4; Ceramide synthase 4; CerS4; LAG1 longevity assurance homolog 4

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**LASS4 Polyclonal 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

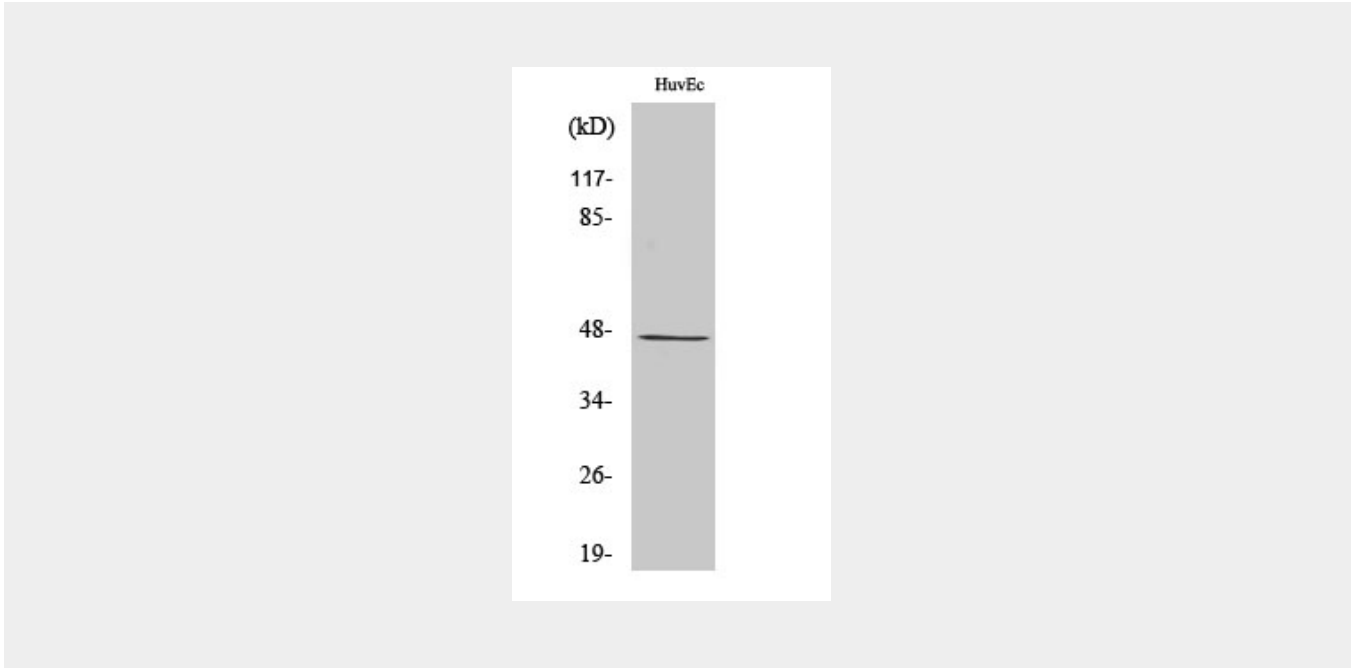
**LASS4 Polyclonal Antibody - Protocols**

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](#)

### LASS4 Polyclonal Antibody - Images



### LASS4 Polyclonal Antibody - Background

May be either a bona fide (dihydro)ceramide synthase or a modulator of its activity. When overexpressed in cells is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisins B1-independent manner (By similarity).