

LASS4 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12054**Specification**

LASS4 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9D6J1
Other Accession	NM_026058 , NP_080334
Reactivity	Mouse, Rat, Guinea Pig
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

LASS4 antibody - N-terminal region - Additional Information**Gene ID** 67260**Alias Symbol** Trh1, CerS4, 2900019C14Rik, LASS4**Other Names**

Ceramide synthase 4, CerS4, LAG1 longevity assurance homolog 4, Translocating chain-associating membrane protein homolog 1, TRAM homolog 1, Cers4, Lass4, Trh1

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-LASS4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

LASS4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LASS4 antibody - N-terminal region - Protein Information**Name** Cers4 {ECO:0000312|MGI:MGI:1914510}**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; Multi-pass membrane protein

Tissue Location

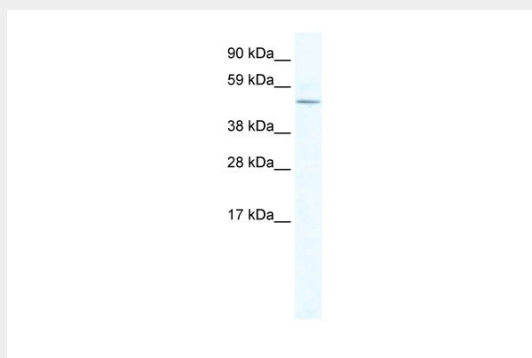
Ubiquitously expressed, with highest levels in skin.

LASS4 antibody - N-terminal region - 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 antibody - N-terminal region - Images



WB Suggested Anti-LASS4 Antibody Titration: 2.5µg/ml

ELISA Titer: 1:312500

Positive Control: NIH/3T3 cell lysate

LASS4 antibody - N-terminal region - References

Riebeling, C., et al., (2003) J. Biol. Chem. 278(44), 43452-43459. Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.