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LASS4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11587

Product Information

Application	WB
Primary Accession	Q9HA82
Other Accession	NM_024552, NP_078828
Reactivity	Human, Mouse, Rat, Pig, Dog, Horse
Predicted	Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46399

Additional Information

Gene ID	79603
Alias Symbol	CerS4, FLJ12089, Trh1, LASS4
Other Names	Ceramide synthase 4, CerS4, LAG1 longevity assurance homolog 4, CERS4, LASS4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 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.

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

References

Gerhard,D.S., Genome Res. 14 (10B), 2121-2127 (2004)Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-LASS4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: SH-SYSY cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.