Datasheet for ABIN307129

anti-LASS1 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	LASS1 (CERS1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LASS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide derived from the C-terminal human Lass1 protein.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	LAG1 longevity assurance homolog 1, UOG-1 protein, LAG1, LASS1,LAG1 is a longevity gene, the first such gene to be identified. Originally cloned from the yeast Saccharomyces cerevisiae. A close homolog of this gene, LAC1, has been found in the yeast genome. The human homolog of LAG1 has functions in human aging. LAG1 may be involved in neurodegenerative diseases and human aging. Lass1 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 mainly one fatty acid donor (N-linked stearoyl- (C18) ceramide) in a fumonisin B1-independent manner. Located in the endoplasmic reticulum membrane, LAss1 is a multi-pass

Product Details

	membrane protein.
Purification:	Ammonium Sulfate Precipitation

Target Details

Target:	LASS1 (CERS1)
Alternative Name:	Lass1 (non-GDF1) (CERS1 Products)
UniProt:	P27544

Application Details

Application Notes:	Antibody can be used for Western blotting (1-5 µg/mL starting dilution). Other uses not yet tested. Only reacts with human Lass1 protein. Does not cross react with other species. Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

