

Datasheet for ABIN2781212
anti-LASS4 antibody (N-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	LASS4 (CERS4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LASS4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human LASS4
Sequence:	MLSSFNEWFW QDRFWLPPNV TWTELEDRDG RVYPHPQDLL AALPLALVLL
Predicted Reactivity:	Dog: 79%, Horse: 79%, Human: 100%, Mouse: 93%, Pig: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against LASS4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LASS4 (CERS4)
Alternative Name:	LASS4 (CERS4 Products)

Target Details

Background:	<p>LASS4 may be either a bona fide (dihydro)ceramide synthase or a modulator of its activity.</p> <p>When overexpressed in cells it is involved in the production of sphingolipids containing different fatty acid donors (N-linked stearyl- (C18) or arachidoyl- (C20) ceramides) in a fumonisin B1-independent manner.</p> <p>Alias Symbols: CerS4, FLJ12089, Trh1, LASS4</p> <p>Protein Size: 394</p>
Molecular Weight:	46 kDa
Gene ID:	79603
NCBI Accession:	NM_024552 , NP_078828
UniProt:	Q9HA82

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 394 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Publications

Product cited in: Schiene-Fischer, Yu: "Receptor accessory folding helper enzymes: the functional role of peptidyl prolyl cis/trans isomerases." in: **FEBS letters**, Vol. 495, Issue 1-2, pp. 1-6, (2001) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-LASS4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: SH-SY5Y cell lysate