

Rabbit anti-Human LASS4 Polyclonal Antibody | anti-LASS4 antibody

LASS4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321063	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

LASS4; Polyclonal Antibody; LASS4 Antibody; ceramide synthase 4; CerS4; FLJ12089; LAG1 homolog ceramide synthase 4; LAG1 longevity assurance homolog 4; LAG1; S. cerevisiae; homolog of; 4; LASS 4; LASS4 LAG1 homolog ceramide synthase 4; LASS4_HUMAN; TRAM homolog 1; Trh 1; Trh1; anti-LASS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	LASS4 antibody detects endogenous levels of LASS4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	394
Applicable Applications for anti-LASS4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human LASS4
Subcellular Location	Endoplasmic Reticulum; Nucleus
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis on HuvEc cell lysate using LASS4 Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA321063 staining HuvEc by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA321063 at 1/100 staining human Lymph node tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-LASS4 antibody	Description: Lass4 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 stearoyl-(C18) or arachidoyl-(C20) ceramides) in a fumonisin B1-independent manner. Function: 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 stearoyl-(C18) or arachidoyl-(C20) ceramides) in a fumonisin B1-independent manner (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205360977
NCBI GeneID	79603
NCBI Accession #	NP_078828.2
NCBI GenBank Nucleotide #	NM_024552.2
UniProt Accession #	Q9HA82; D6W665
Molecular Weight	Observed: 46 kDa Predicted: 47 kDa
NCBI Official Full Name	ceramide synthase 4
NCBI Official Synonym Full Names	ceramide synthase 4
NCBI Official Symbol	CERS4
NCBI Official Synonym Symbols	Trh1; LASS4
NCBI Protein Information	ceramide synthase 4
UniProt Protein Name	Ceramide synthase 4
UniProt Gene Name	CERS4
UniProt Synonym Gene Names	LASS4; CerS4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lass4-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/321063>