


Product datasheet

Anti-Lass5 antibody ab115314

2 Images

Overview

Product name	Anti-Lass5 antibody
Description	Rabbit polyclonal to Lass5
Host species	Rabbit
Specificity	Multiple isoforms of Lass5 are known to exist. This antibody may cross-react with the highly homologous Lass6.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide, 17 amino acids, from the C terminal region of Human Lass5.
Positive control	Human small intestine tissue; SK-N-SH cell lysate
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.4 Preservative: 0.02% Sodium azide Constituent: 99.98% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab115314 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 46 kDa.
IHC-P		Use a concentration of 5 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

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 mainly one fatty acid donor (N-linked palmitoyl- (C16) ceramide) in a fumonisins B1-independent manner.

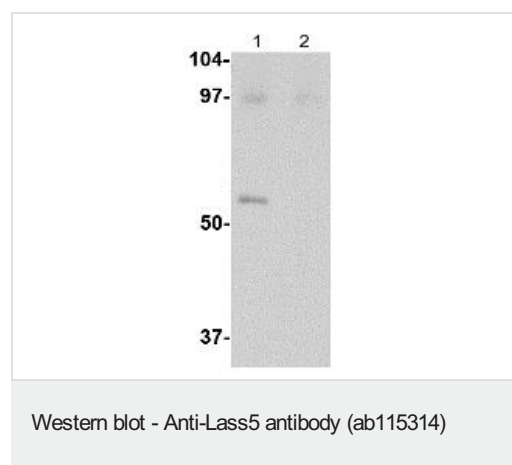
Sequence similarities

Contains 1 homeobox DNA-binding domain.
Contains 1 TLC (TRAM/LAG1/CLN8) domain.

Cellular localization

Nucleus membrane. Endoplasmic reticulum membrane.

Images

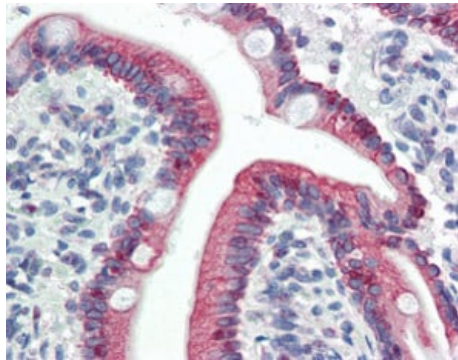


All lanes : Anti-Lass5 antibody (ab115314) at 1 µg/ml

Lane 1 : SK-N-SH cell lysate

Lane 2 : SK-N-SH cell lysate with blocking peptide

Predicted band size: 46 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Lass5 antibody (ab115314)

ab115314 at 5ug/ml staining Lass5 in Human small intestine tissue by immunohistochemistry (FFPE). After primary incubation slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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