abcam

Product datasheet

Anti-Secretory lectin ZG16 antibody ab185483

★★★★★ 1 Abreviews 3 Images

Overview

Product name	Anti-Secretory lectin ZG16 antibody
Description	Rabbit polyclonal to Secretory lectin ZG16
Host species	Rabbit
Tested applications	**Suitable for:** IHC-P
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat
Immunogen	Recombinant fragment corresponding to Human Secretory lectin ZG16 aa 1-100. Database link: **O60844** Run BLAST with Run BLAST with
Positive control	IHC-P: Human colon, liver, rectum tissue.
General notes	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. 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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.02% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab185483 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
IHC-P	★★★★★ **(1)**	1/500 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

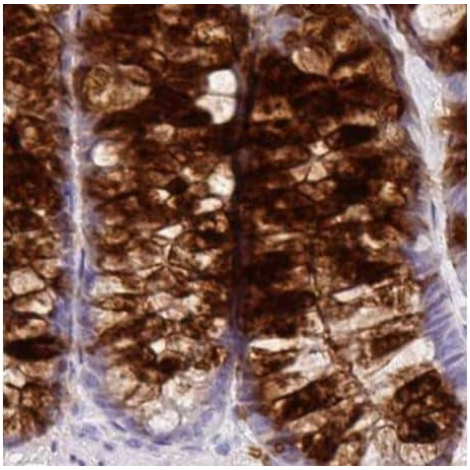
Function May play a role in protein trafficking. May act as a linker molecule between the submembranous matrix on the luminal side of zymogen granule membrane (ZGM) and aggregated secretory proteins during granule formation in the TGN.

Tissue specificity Highly expressed in liver. Detected at lower levels in colon, ileum and jejunum.

Sequence similarities Belongs to the jacalin lectin family.

Cellular localization Secreted > extracellular space > extracellular matrix. Cytoplasmic vesicle lumen. Golgi apparatus lumen. Stored in zymogen granules.

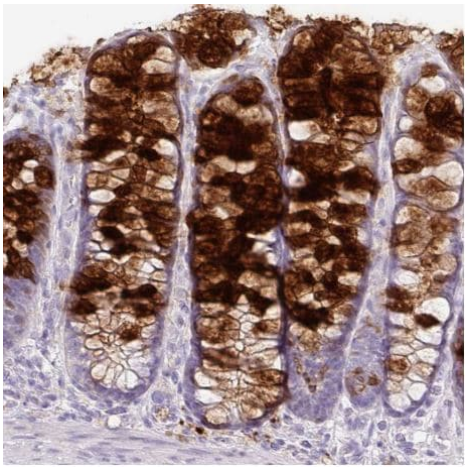
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Secretory lectin ZG16 antibody (ab185483)

Paraffin embedded human colon tissue stained for ZG16 using ab185483 at 1/1000 dilution in immunohistochemical analysis.

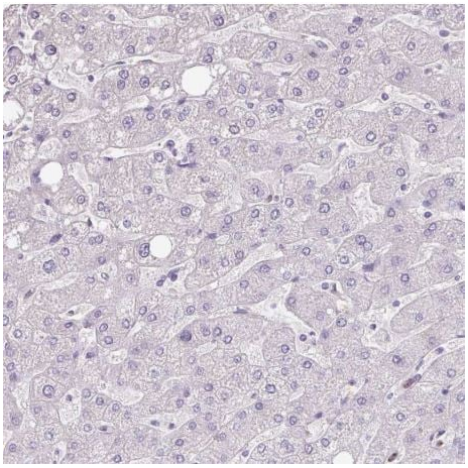
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Secretory lectin ZG16 antibody (ab185483)

Paraffin embedded human rectum tissue stained for ZG16 using ab185483 at 1/1000 dilution in immunohistochemical analysis.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Secretory lectin ZG16 antibody (ab185483)

Paraffin embedded human liver tissue stained for ZG16 using ab185483 at 1/1000 dilution in immunohistochemical analysis. Shows low expression as expected.

Heat mediated antigen retrieval was performed with citrate buffer pH 6 before the IHC staining protocol.

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

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