abcam

Product datasheet

Anti-GATSL2 antibody ab247129

1 Image

Overview

Product name Anti-GATSL2 antibody

Description Rabbit polyclonal to GATSL2

Host species Rabbit

Tested applications Suitable for: IHC-P

Species reactivity Reacts with: Human

Immunogen Recombinant fragment corresponding to Human GATSL2 aa 300 to the C-terminus.

Database link: A6NHX0

Run BLAST with
Run BLAST with

Positive control IHC-P: Human 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), PBS

Purity Immunogen affinity purified

Clonality Polyclonal

Isotype IgG

Applications

1

The Abpromise guarantee

Our <u>Abpromise guarantee</u> covers the use of ab247129 in the following tested applications.

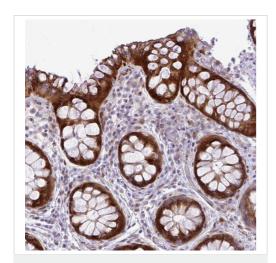
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/200 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Target

Function	Functions as a negative regulator of the TORC1 signaling pathway through the GATOR complex. As part of homooligomers or heterooligomers with GATSL3, directly binds the GATOR subcomplex GATOR2 and prevents TORC1 signaling. Does not directly bind arginine, but binding of arginine to GATSL3 disrupts the interaction of GATSL2-containing heterooligomers with GATOR2 and activates the TORC1 signaling pathway.	
Tissue specificity	Widely expressed.	
Sequence similarities	Belongs to the GATS family. Contains 2 ACT domains.	
Cellular localization	Cytoplasm, cytosol.	

Images



Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-GATSL2 antibody (ab247129)

Paraffin-embedded human rectum tissue stained for GATSL2 using ab247129 at 1/200 dilution in immunohistochemical analysis.

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

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