Anti-Monoacylglycerol Lipase/MGL antibody ab24701

Overview

Product name: Anti-Monoacylglycerol Lipase/MGL antibody

Description: Rabbit polyclonal to Monoacylglycerol Lipase/MGL

Host species: Rabbit

Tested applications: Suitable for: IHC-P, WB

Species reactivity: Reacts with: Mouse, Rat, Cow, Human, Monkey, African green monkey

Immunogen: Recombinant fragment corresponding to Human Monoacylglycerol Lipase/MGL aa 1-14.

Sequence: MPEESSPRRTPQSI

Database link: Q99685

(Peptide available as ab82022)

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 (stable for up to 12 months). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

Storage buffer: pH: 7.20 
Preservative: 0.02% Sodium azide
Constituents: 50% Glycerol, PBS

Purity: IgG fraction

Clonality: Polyclonal

Isotype: IgG
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab24701 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IHC-P</td>
<td>★★★★★ (3)</td>
<td>Use at an assay dependent concentration.</td>
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Target

Function
Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociception and perception of pain (By similarity). Regulates the levels of fatty acids that serve as signaling molecules and promote cancer cell migration, invasion and tumor growth.

Tissue specificity
Detected in adipose tissue, lung, liver, kidney, brain and heart.

Pathway
Glycerolipid metabolism; triacylglycerol degradation.

Sequence similarities
Belongs to the AB hydrolase superfamily. Monoacylglycerol lipase family.

Images

Anti-Monoacylglycerol Lipase/MGL antibody (ab24701) at 1/200 dilution + Rat brown fat at 20 µg

**Predicted band size:** 33 kDa

Rat brown fat, 20 ug Dilution: 1/200

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

Our Abpromise to you: Quality guaranteed and expert technical support
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- Response to your inquiry within 24 hours
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