abcam

Product datasheet

Anti-Monoacylglycerol Lipase/MGL antibody ab228598

1 References   5 图像

概述

产品名称	Anti-Monoacylglycerol Lipase/MGL抗体
描述	兔多克隆抗体to Monoacylglycerol Lipase/MGL
宿主	Rabbit
经测试应用	**适用于:** IHC-P, WB
种属反应性	**与反应:** Mouse, Rat, Human
	预测可用于: Cow, Pig
免疫原	Recombinant fragment within Human Monoacylglycerol Lipase/MGL (internal sequence). The exact sequence is proprietary. Database link: **Q99685**
阳性对照	WB: Mouse white adipose tissue lysate; HeLa and HepG2 whole cell lysate (**ab7900**). IHC-P: Mouse esophagus tissue; rat fore brain tissue; U-373 xenograft tissue.
常规说明	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

性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.00 Preservative: 0.025% Proclin 300 Constituents: 79% PBS, 20% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee　　　Abpromise™承诺保证使用ab228598于以下的经测试应用

"应用说明"部分 下显示的仅为**推荐的起始稀释度**;实际**最佳的稀释度/浓度应由使用者**检定。

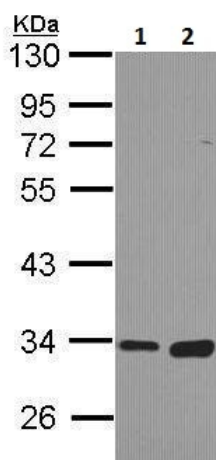| 应用	Ab评论	说明
IHC-P		1/100 - 1/1000.
WB		1/500 - 1/3000. Predicted molecular weight: 33 kDa.

靶标

功能	Converts monoacylglycerides to free fatty acids and glycerol. Hydrolyzes the endocannabinoid 2-arachidonoylglycerol, and thereby contributes to the regulation of endocannabinoid signaling, nociperception 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.
组织特异性	Detected in adipose tissue, lung, liver, kidney, brain and heart.
通路	Glycerolipid metabolism; triacylglycerol degradation.
序列相似性	Belongs to the AB hydrolase superfamily. Monoacylglycerol lipase family.

图片

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoacylglycerol Lipase/MGL antibody (ab228598)

Paraffin-embedded mouse esophagus tissue stained for Monoacylglycerol Lipase/MGL with ab228598 at 1/500 dilution in immunohistochemical analysis.

Western blot - Anti-Monoacylglycerol Lipase/MGL antibody (ab228598)

All lanes : Anti-Monoacylglycerol Lipase/MGL antibody (ab228598) at 1/1000 dilution

Lane 1 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lane 2 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate
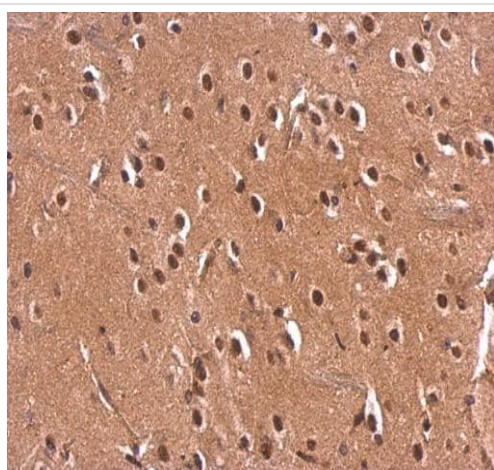
Lysates/proteins at 30 μg per lane.

Secondary

All lanes : HRP-conjugated anti-rabbit IgG

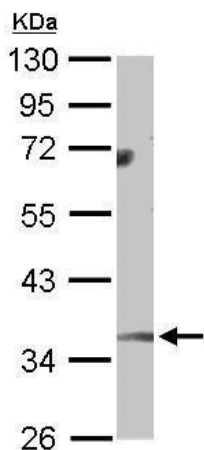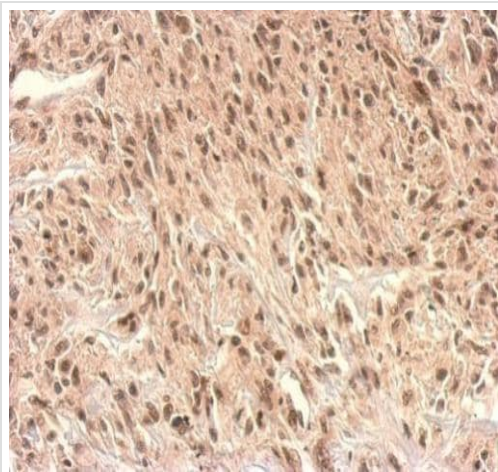Developed using the ECL technique.

Predicted band size: 33 kDa

10% SDS-PAGE

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoacylglycerol Lipase/MGL antibody (ab228598)

Paraffin-embedded rat forebrain tissue stained for Monoacylglycerol Lipase/MGL with ab228598 at 1/500 dilution in immunohistochemical analysis.

Anti-Monoacylglycerol Lipase/MGL antibody (ab228598) at 1/1000 dilution + Mouse white adipose tissue lysate at 50 µg

Secondary

HRP-conjugated anti-rabbit IgG

Developed using the ECL technique.

Predicted band size: 33 kDa

Western blot - Anti-Monoacylglycerol Lipase/MGL antibody (ab228598)

10% SDS-PAGE

Paraffin-embedded U-373 (human) xenograft tissue stained for Monoacylglycerol Lipase/MGL with ab228598 at 1/500 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Monoacylglycerol Lipase/MGL antibody (ab228598)

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