

### Anti-FAAH1 antibody [4H8] ab54615

★★★★★ [6 Abreviews](#) [27 References](#) [5 图像](#)

#### 概述

<b>产品名称</b>	Anti-FAAH1抗体[4H8]
<b>描述</b>	小鼠单克隆抗体[4H8] to FAAH1
<b>宿主</b>	Mouse
<b>经测试应用</b>	<b>适用于:</b> WB, ICC/IF, IP, IHC-P
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	Recombinant fragment corresponding to Human FAAH1 aa 480-579. Sequence:  DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQME HYRGYFGD IWDKMLQKGMKKSIVGLPVAVQCVALPWQEELCLRFMREVERL MTPEKQSS

 [Run BLAST with](#)

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#### 常规说明

This product was changed from ascites to tissue culture supernatant on 17/04/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

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

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>存储溶液</b>	pH: 7.40 Constituents: 8% Sodium chloride, 0.6% Dibasic monohydrogen sodium phosphate, 0.2% Monobasic dihydrogen potassium phosphate, 0.2% Potassium chloride, 91% Water

纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	4H8
同种型	IgG2a
轻链类型	kappa

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab54615于以下的经测试应用

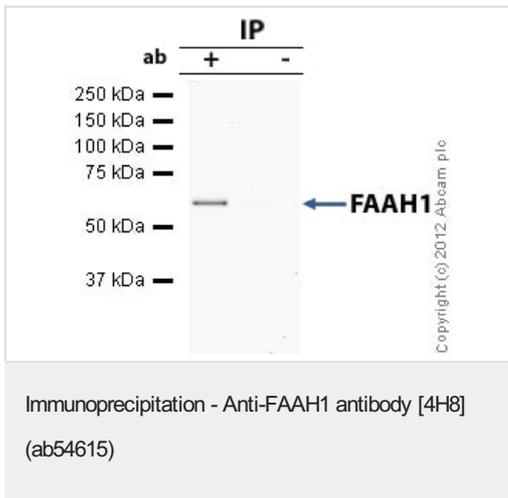
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB	★★★★★ (2)	Use at an assay dependent concentration. Predicted molecular weight: 63 kDa.
ICC/IF		Use at an assay dependent concentration. PubMed: 24223930
IP		Use at an assay dependent concentration.
IHC-P	★★★★★ (3)	Use at an assay dependent concentration. See Abreview.

## 靶标

<b>功能</b>	Degrades bioactive fatty acid amides like oleamide, the endogenous cannabinoid, anandamide and myristic amide to their corresponding acids, thereby serving to terminate the signaling functions of these molecules. Hydrolyzes polyunsaturated substrate anandamide preferentially as compared to monounsaturated substrates.
<b>组织特异性</b>	Highly expressed in the brain, small intestine, pancreas, skeletal muscle and testis. Also expressed in the kidney, liver, lung, placenta and prostate.
<b>序列相似性</b>	Belongs to the amidase family.
<b>细胞定位</b>	Endomembrane system. Cytoplasm > cytoskeleton. Seems to be attached to intracellular membranes and a portion of the cytoskeletal network.

## 图片



FAAH1 was immunoprecipitated using 0.5mg Mouse Liver whole tissue extract, 5µg of Mouse monoclonal to FAAH1 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-).

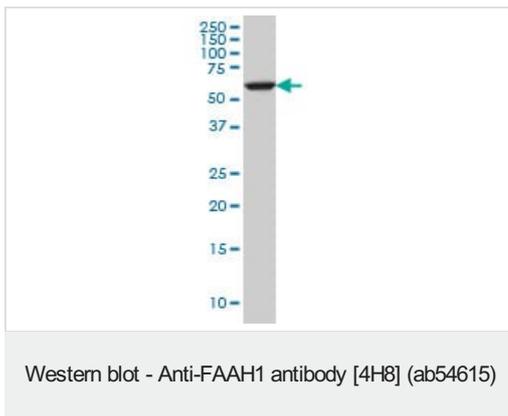
The antibody was incubated under agitation with Protein G beads for 10min, Mouse Liver whole tissue extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab54615.

Secondary: Goat polyclonal to mouse IgG light chain specific (HRP) at 1/5000 dilution.

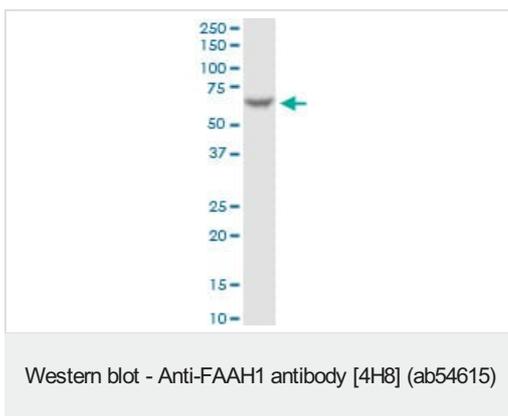
Band: 63kDa: FAAH1.

This image was generated using the ascites version of the product.



FAAH antibody (ab54615) at 1µg/lane + A-431 cell lysate at 25µg/lane.

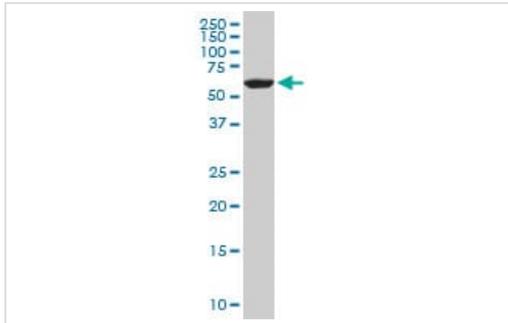
This image was generated using the ascites version of the product.



Anti-FAAH1 antibody [4H8] (ab54615) + Rat Brain

**Predicted band size:** 63 kDa

This image was generated using the ascites version of the product.

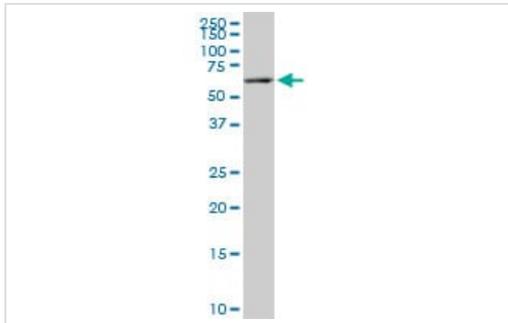


Western blot - Anti-FAAH1 antibody [4H8] (ab54615)

Anti-FAAH1 antibody [4H8] (ab54615) + PC-12

**Predicted band size:** 63 kDa

This image was generated using the ascites version of the product.



Western blot - Anti-FAAH1 antibody [4H8] (ab54615)

Anti-FAAH1 antibody [4H8] (ab54615) + NIH/3T3

**Predicted band size:** 63 kDa

This image was generated using the ascites version of the product.

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