

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

★★★★★ [6 Abreviews](#) [27 References](#) [画像数 5](#)

#### 製品の概要

製品名	Anti-FAAH1 antibody [4H8]
製品の詳細	Mouse monoclonal [4H8] to FAAH1
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF, IP, IHC-P
種交差性	<b>交差種:</b> Mouse, Rat, Human
免疫原	Recombinant fragment corresponding to Human FAAH1 aa 480-579. Sequence:  DLNAPGRATGAVSYTMLYNCLDFPAGVVPVTTVTAEDEAQME HYRGYFGD IWDKMLQKGMKKSGLPVAVQCVALPWQEELCLRFRMREVERL MTPEKQSS

 [Run BLAST with](#)

 [Run BLAST with](#)

#### 特記事項

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

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	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

精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	4H8
アイソタイプ	IgG2a
軽鎖の種類	kappa

アプリケーション

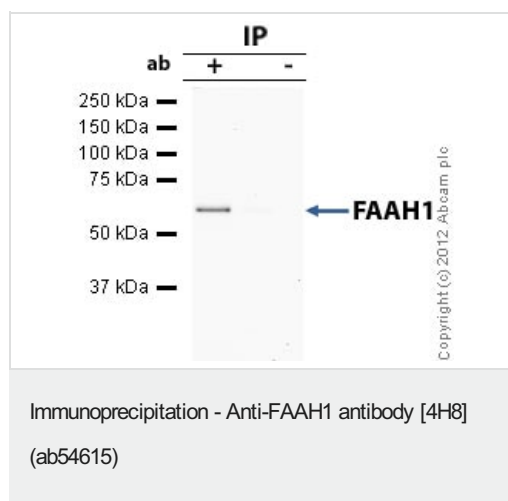
The Abpromise guarantee      Abpromise保証は、次のテスト済みアプリケーションにおけるab54615の使用に適用されます  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

機能	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.
組織特異性	Highly expressed in the brain, small intestine, pancreas, skeletal muscle and testis. Also expressed in the kidney, liver, lung, placenta and prostate.
配列類似性	Belongs to the amidase family.
細胞内局在	Endomembrane system. Cytoplasm > cytoskeleton. Seems to be attached to intracellular membranes and a portion of the cytoskeletal network.

画像



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 (-).

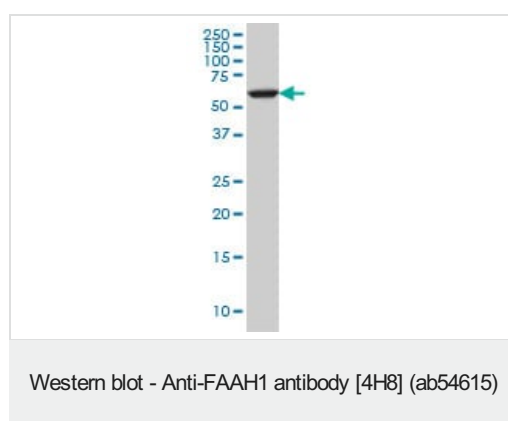
The antibody was incubated under agitation with Protein G beads for 10min, Mouse Liver whole tissue extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

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.

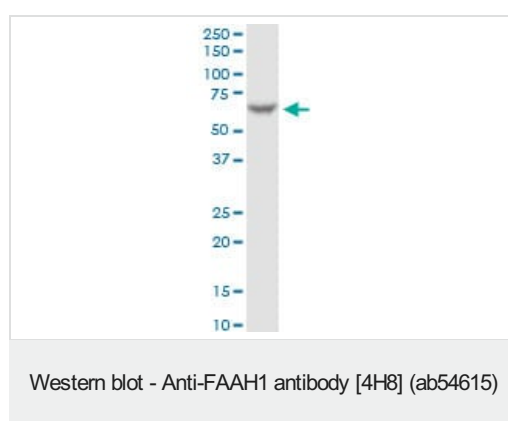
Band: 63kDa: FAAH1.

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



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

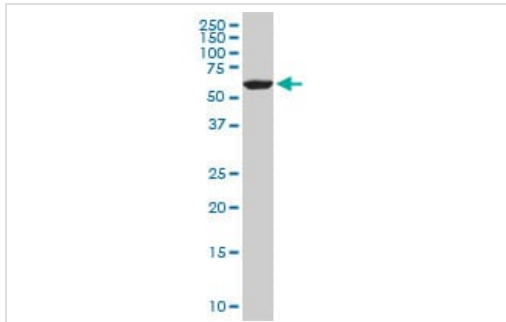
This image was generated using the ascites version of the product.



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

**Predicted band size:** 63 kDa

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

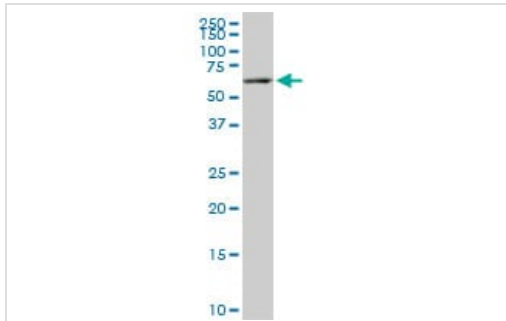


Western blot - Anti-FAAH1 antibody [4H8] (ab54615)

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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