

### Anti-FAAH1 antibody ab98065

#### 2 图像

#### 概述

产品名称	Anti-FAAH1抗体
描述	兔多克隆抗体to FAAH1
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB
种属反应性	与反应: Human 预测可用于: Pig 
免疫原	Synthetic peptide conjugated to KLH derived from within residues 500 to the C-terminus of Human FAAH1. 参阅Abcam的专有抗源政策
阳性对照	This antibody gave a positive signal in the following lysates: Brain (Human) Tissue Lysate; Small Intestine (Human) Tissue Lysate; Pancreas (Human) Tissue Lysate; Skeletal Muscle (Human) Tissue Lysate; Testis (Human) Tissue Lysate; A431 Whole Cell Lysate

#### 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 or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
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ab98065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。

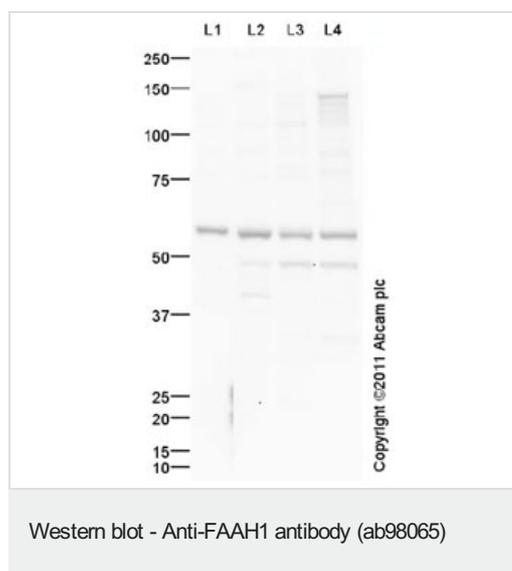
应用	Ab评论	说明

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ICC/IF		Use a concentration of 5 µg/ml.
WB		Use a concentration of 1 mg/ml. Detects a band of approximately 63 kDa (predicted molecular weight: 63 kDa).

## 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



**All lanes** : Anti-FAAH1 antibody (ab98065) at 1 µg/ml

**Lane 1** : Human small intestine tissue lysate - total protein  
([ab29276](#))

**Lane 2** : Liver (Mouse) Nuclear Lysate - normal tissue ([ab29300](#))

**Lane 3** : Human testis tissue lysate - total protein ([ab30257](#))

**Lane 4** : A431 (Human epithelial carcinoma cell line) Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Mouse IgG H&L (HRP) preadsorbed  
([ab97040](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

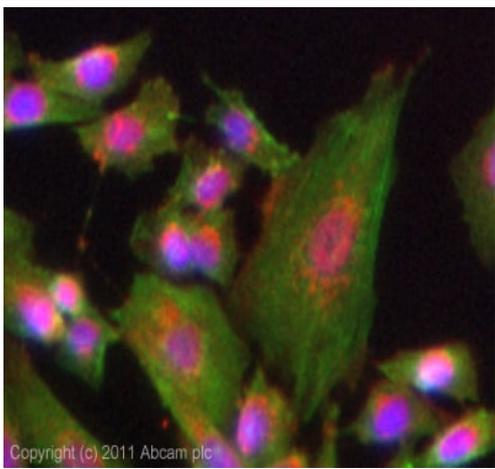
**Predicted band size:** 63 kDa

**Observed band size:** 63 kDa

**Additional bands at:** 20 kDa, 25 kDa, 40 kDa, 50 kDa, 70 kDa.

We are unsure as to the identity of these extra bands.

**Exposure time:** 90 seconds



Immunocytochemistry/ Immunofluorescence - Anti-FAAH1 antibody (ab98065)

ICC/IF image of ab98065 stained SKNSH cells. The cells were 4% PFA fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab98065, 5µg/ml) overnight at +4°C. The secondary antibody (green) was **ab96899**, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in 100% methanol fixed (5 min) SKNSH cells at 5µg/ml.

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

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