

Product datasheet

Anti-AC3 antibody ab123803

2 图像

概述

| | |
|--------------|---|
| 产品名称 | Anti-AC3抗体 |
| 描述 | 兔多克隆抗体to AC3 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于: WB, ICC/IF |
| 种属反应性 | 与反应: Mouse, Rat, Chicken, Cat, Human 预测可用于: Chinese hamster  |
| 免疫原 | Synthetic peptide: PAAFPNGSSVTLPHQVVDNP , corresponding to C terminal amino acids 1125-1144 of Rat ADCY3 conjugated to MBS-activated KLH by a Cysteine residue linker at the N terminus. (P21932). Run BLAST with Run BLAST with |
| 阳性对照 | Mixed neuron-glia cultures; rat olfactory epithelium and frontal cortex lysates. |

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 | Constituent: PBS |
| 纯度 | Protein A purified |
| 克隆 | 多克隆 |
| 同种型 | IgG |

应用

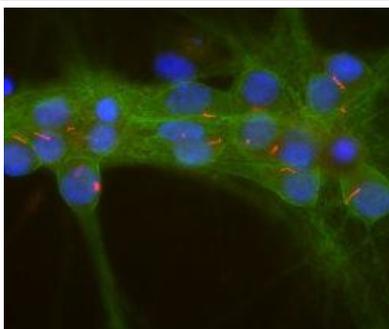
Our [Abpromise guarantee](#) covers the use of **ab123803** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| 应用 | Ab评论 | 说明 |
|--------|------|---|
| WB | | 1/10000. Predicted molecular weight: 129 kDa. Major bands observed at 160-200kDa, depending on the tissue |
| ICC/IF | | 1/500 - 1/1000. |

靶标

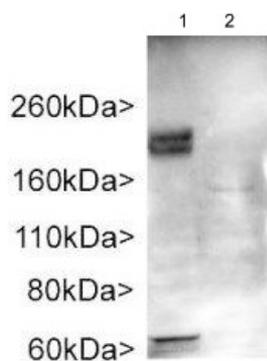
| | |
|--------------|---|
| 功能 | Mediates odorant detection (possibly) via modulation of intracellular cAMP concentration. |
| 组织特异性 | Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, and skeletal muscle. |
| 序列相似性 | Belongs to the adenylyl cyclase class-4/guanylyl cyclase family. Contains 2 guanylate cyclase domains. |
| 细胞定位 | Membrane. |

图片



Immunocytochemistry/ Immunofluorescence - Anti-ADCY3 antibody (ab123803)

ab123803, at 1/500, staining ADCY3 (Red) in Mixed neuron-glia cultures by Immunofluorescence. Green stain: alpha II spectrin.



Western blot - Anti-ADCY3 antibody (ab123803)

All lanes : Anti-AC3 antibody (ab123803) at 1/10000 dilution

Lane 1 : Rat olfactory epithelium lysate

Lane 2 : Rat frontal cortex lysate

Predicted band size: 129 kDa

Note: ADCY3 stains bands at about 200kDa in olfactory epithelium which is rich in cilia. Fewer cilia are found in frontal cortex, and the protein is less heavily glycosylated, and a less prominent band is seen at about 160kDa

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