

Product datasheet

Anti-ADCY3 antibody ab123803

2 图像

概述

产品名称	Anti-ADCY3抗体
描述	兔多克隆抗体to ADCY3
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.

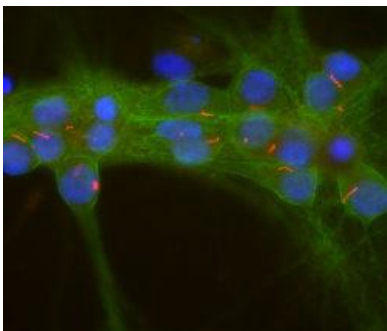
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

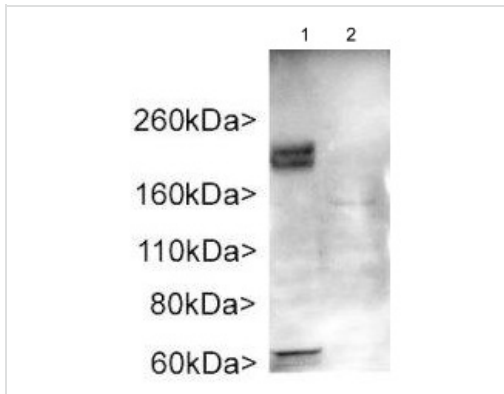
功能	Mediates odorant detection (possibly) via modulation of intracellular cAMP concentration.
组织特异性	Expressed in brain, heart, kidney, liver, lung, pancreas, placenta, and skeletal muscle.
序列相似性	Belongs to the adenylyl cyclase class-4/guanylyl cyclase family. Contains 2 guanylate cyclase domains.
细胞定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

图片



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

Immunocytochemistry/ Immunofluorescence - Anti-ADCY3 antibody (ab123803)



Western blot - Anti-ADCY3 antibody (ab123803)

All lanes : Anti-ADCY3 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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