abcam

Product datasheet

# Anti-TAAR1 antibody ab72194

2 图像

## 概述

| | |
|---|---|
| **产品名称** | Anti-TAAR1抗体 |
| **描述** | 兔多克隆抗体to TAAR1 |
| **宿主** | Rabbit |
| **经测试应用** | **适用于:** WB, IHC-P |
| **种属反应性** | **与反应:** Rat, Human, Chimpanzee, Rhesus monkey |
| **免疫原** | Synthetic peptide corresponding to a portion of amino acids 225-250 of Human TA1 |
| **阳性对照** | Human and rat brain lysates. Human testis tissue. |

## 性能

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|---|---|
| **形式** | Liquid |
| **存放说明** | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| **存储溶液** | Preservative: 0.05% Sodium azide<br>Constituents: 0.05% BSA, PBS |
| **纯度** | Protein G purified |
| **克隆** | 多克隆 |
| **同种型** | IgG |

## 应用

**The Abpromise guarantee** Abpromise™承诺保证使用ab72194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** | | Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 36 kDa (predicted molecular weight: 39 kDa). |
| **IHC-P** | | Use a concentration of 10 µg/ml. |

## 靶标

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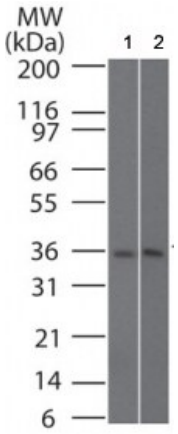
|---|---|
| **功能** | Receptor for trace amines, including beta-phenylethylamine (b-PEA), p-tyramine (p-TYR), octopamine and tryptamine, with highest affinity for b-PEA and p-TYR. Unresponsive to classical biogenic amines, such as epinephrine and histamine and only partially activated by dopamine and serotonine. Trace amines are biogenic amines present in very low levels in mammalian tissues. Although some trace amines have clearly defined roles as neurotransmitters in invertebrates, the extent to which they function as true neurotransmitters in vertebrates has remained speculative. Trace amines are likely to be involved in a variety of physiological functions that have yet to be fully understood. The signal transduced by this receptor is mediated by the G(s)-class of G-proteins which activate adenylate cyclase. |
| **组织特异性** | Detected in low levels in discrete regions within the central nervous system and in several peripheral tissues. Moderately expressed in stomach. Low levels in amygdala, kidney, and lung, and small intestine. Trace amounts in cerebellum, dorsal root ganglia, hippocampus, hypothalamus, liver, medulla, pancreas, pituitary, pontine reticular formation, prostate, skeletal muscle and spleen. |
| **序列相似性** | Belongs to the G-protein coupled receptor 1 family. |
| **细胞定位** | Cell membrane. |

## 图片




Western blot - Anti-TA1 antibody (ab72194)

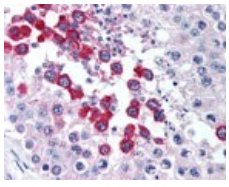
**All lanes :** Anti-TAAR1 antibody (ab72194) at 2 µg/ml

**Lane 1 :** Human brain lysate

**Lane 2 :** Rat brain lysate

**Predicted band size:** 39 kDa

**Observed band size:** 36 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TA1 antibody (ab72194)

ab72194 at 10µg/ml staining TA1 in human testis by Immunohistochemistry using paraffin-embedded tissue.

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

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