

# Anti-Calcitonin receptor antibody ab11042

★★★★★ 1 Abreviews 14 References 1 图像

## 概述

<b>产品名称</b>	Anti-Calcitonin receptor抗体
<b>描述</b>	兔多克隆抗体to Calcitonin receptor
<b>宿主</b>	Rabbit
<b>特异性</b>	ab11042 recognises the calcitonin receptor in human, mouse and rat. The calcitonin receptor is a seven transmembrane domain cell surface protein which is coupled to G protein messenger systems. This antibody recognises an epitope within the cytoplasmic domain that is common to both C1a and C1b rat isoforms.
<b>经测试应用</b>	<b>适用于:</b> IHC-Fr, IHC-FoFr, IHC-P, WB, ELISA
<b>种属反应性</b>	<b>与反应:</b> Mouse, Rat, Human
<b>免疫原</b>	Synthetic peptide: KGLPIYICHQEPRNPPVSNN , corresponding to amino acids 476-496 of Rat Calcitonin receptor <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>阳性对照</b>	Kidney, cultered osteoclasts.
<b>常规说明</b>	Should this product contain a precipitate we recommend microcentrifugation before use.

## 性能

<b>形式</b>	Liquid
<b>存放说明</b>	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.
<b>存储溶液</b>	Preservative: 0.09% Sodium Azide Constituents: PBS
<b>纯度</b>	Protein A purified
<b>纯化说明</b>	Purified IgG was prepared from whole serum by affinity chromatography.
<b>克隆</b>	多克隆
<b>同种型</b>	IgG

## 应用

Our [Abpromise guarantee](#) covers the use of **ab11042** 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
IHC-Fr		1/10 - 1/50.
IHC-FoFr	★★★★★	Use at an assay dependent concentration.
IHC-P		1/10 - 1/50. We recommend the use of 4% paraformaldehyde fixation, rather than formalin fixation. A sensitive detection system is also recommended. e.g. A catalysed signal amplification system. This product does not require protein digestion pre-treatment This product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections.
WB		Use at an assay dependent concentration. Predicted molecular weight: 56.9 kDa.
ELISA		1/10000.

## 靶标

### 功能

This is a receptor for calcitonin. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase. The calcitonin receptor is thought to couple to the heterotrimeric guanosine triphosphate-binding protein that is sensitive to cholera toxin.

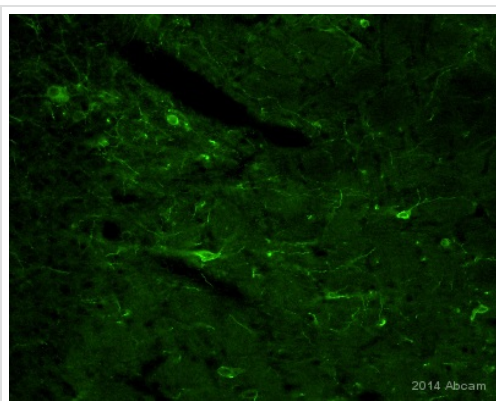
### 序列相似性

Belongs to the G-protein coupled receptor 2 family.

### 细胞定位

Cell membrane.

## 图片



Immunohistochemistry (PFA perfusion fixed frozen sections) - Anti-Calcitonin receptor antibody (ab11042)

This image is courtesy of an Abreview submitted by Vaibhav Konanur

ab11042 staining Calcitonin receptor in Rat brain tissue sections by Immunohistochemistry (PFA perfusion fixed frozen sections). Tissue samples were fixed by perfusion with paraformaldehyde, permeabilized with 0.3% Triton-X, blocked with 5% serum for 45 minutes at 22°C. The sample was incubated with primary antibody (1/500) at 4°C for 18 hours. An Alexa Fluor® 488-conjugated Donkey anti-rabbit polyclonal (1/500) was used as the secondary antibody

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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