

# Anti-MAP2 antibody ab92434

★★★★★ [2 Abreviews](#) [45 References](#) [3 图像](#)

### 概述

产品名称	Anti-MAP2抗体
描述	鸡多克隆抗体to MAP2
宿主	Chicken
经测试应用	适用于: WB, ICC
种属反应性	与反应: Rat, Human
免疫原	Recombinant full length protein corresponding to Cow MAP2. Recombinant bovine MAP2 protein expressed in and purified from E. Coli Database link: <a href="#">F1MEW3</a>

### 常规说明

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.065% Sodium azide
纯度	IgY fraction
克隆	多克隆
同种型	IgY

### 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用ab92434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		1/20000. Predicted molecular weight: 280 kDa.
ICC	★★★★★ (1)	Use at an assay dependent concentration.

## 靶标

### 功能

The exact function of MAP2 is unknown but MAPs may stabilize the microtubules against depolymerization. They also seem to have a stiffening effect on microtubules.

### 序列相似性

Contains 3 Tau/MAP repeats.

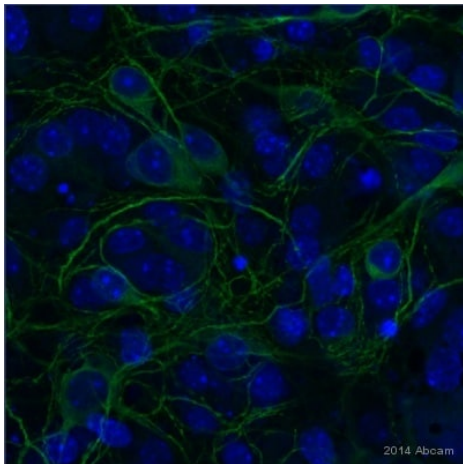
### 翻译后修饰

Phosphorylated at serine residues in K-X-G-S motifs by MAP/microtubule affinity-regulating kinase (MARK1 or MARK2), causing detachment from microtubules, and their disassembly (By similarity). Isoform 2 is probably phosphorylated by PKA at Ser-323, Ser-354 and Ser-386 and by FYN at Tyr-67.

### 细胞定位

Cytoplasm, cytoskeleton.

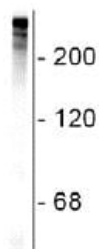
## 图片



Immunocytochemistry - Anti-MAP2 antibody  
(ab92434)

This image is courtesy of an Abreview submitted by Kirsty Ireland

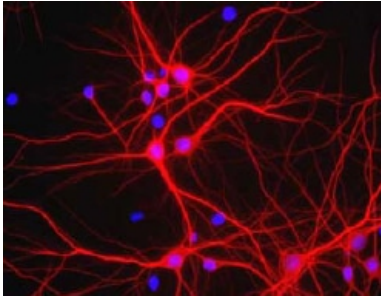
ab92434 staining MAP2 in mouse brain neurons by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with paraformaldehyde and blocked with 5% serum for 1 hour at 20°C. Samples were incubated with primary antibody (1/2500 in PBS) for 24 hours at 4°C. **ab150169**, a goat **anti-chicken Alexa Fluor® 488** (1/500) was used as the secondary antibody.



Anti-MAP2 antibody (ab92434) at 1/20000 dilution + Rat cerebral cortex lysate

**Predicted band size: 280 kDa**

Western blot - Anti-MAP2 antibody (ab92434)



Immunocytochemistry - Anti-MAP2 antibody  
(ab92434)

ab92434 at 1/2500 dilution staining MAP2 in mixed neuron/glial cultures by Immunofluorescence. The perikarya and dendrites of neurons are strongly and specifically stained with the MAP2 antibody (red). Cell nuclei are visualized with DAPI DNA stain.

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

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