

Anti-Calretinin antibody [EP1798] ab92341

重组 RabMAb

★★★★☆ **5 Abreviews** **16 References** **9 图像**

概述

产品名称	Anti-Calretinin抗体[EP1798]
描述	兔单克隆抗体[EP1798] to Calretinin
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IHC-P, ICC/IF
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Mouse brain, Human brain and Rat brain tissue lysates. Flow Cyt (Intra): SH-SY5Y cells. IHC-P: Mouse cerebrum, Rat cerebrum, Human cerebrum, and Human mesothelioma tissues. ICC/IF: SH-SY5Y cells.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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 long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1798

同种型

IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab92341 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
Flow Cyt (Intra)		1/20. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. For unpurified use at 1/100.
WB		1/1000. Detects a band of approximately 29 kDa (predicted molecular weight: 29 kDa).
IHC-P	★★★★★ (3)	1/4000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. For unpurified use at 1/100 - 1/250.
ICC/IF		1/100 - 1/250.

靶标

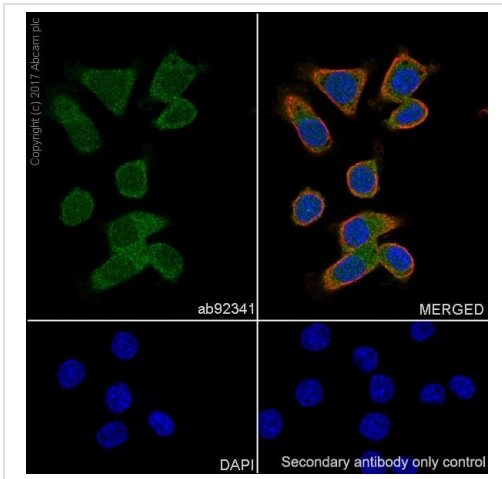
功能 Calretinin is a calcium-binding protein which is abundant in auditory neurons.

组织特异性 Brain.

序列相似性 Belongs to the calbindin family.

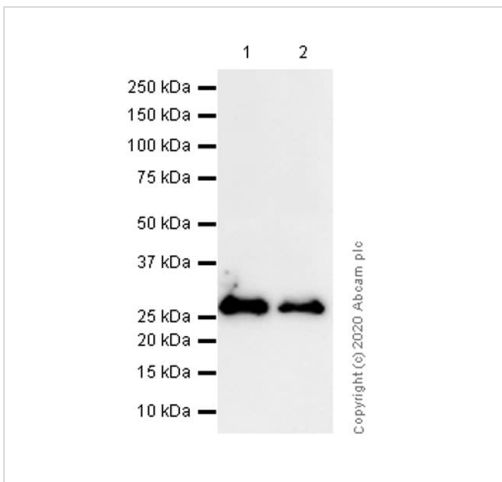
Contains 6 EF-hand domains.

图片



Immunocytochemistry/ Immunofluorescence - Anti-Calretinin antibody [EP1798] (ab92341)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% tritonX-100 permeabilised SH-SY5Y (human neuroblastoma epithelial cell line) cells labelling Calretinin with ab92341 at 1/500 dilution, followed by AlexaFluor[®]488 Goat anti-Rabbit ([ab150077](#)) secondary antibody at 1/1000 dilution (Green). Confocal image showing cytoplasmic and nuclear staining on SH-SY5Y cell line is observed. Counterstained with DAPI.



Western blot - Anti-Calretinin antibody [EP1798] (ab92341)

All lanes : Anti-Calretinin antibody [EP1798] (ab92341) at 1/1000 dilution (Purified)

Lane 1 : Mouse brain lysate

Lane 2 : Rat brain lysate

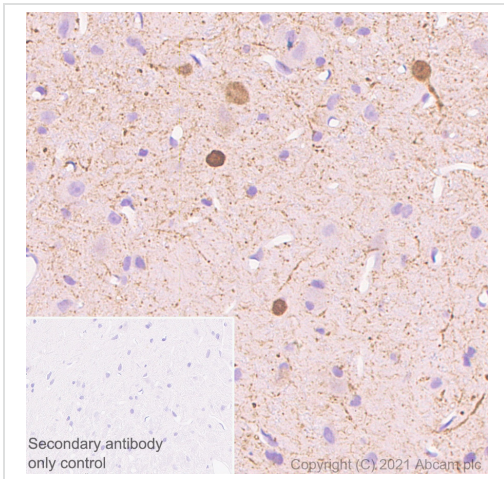
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

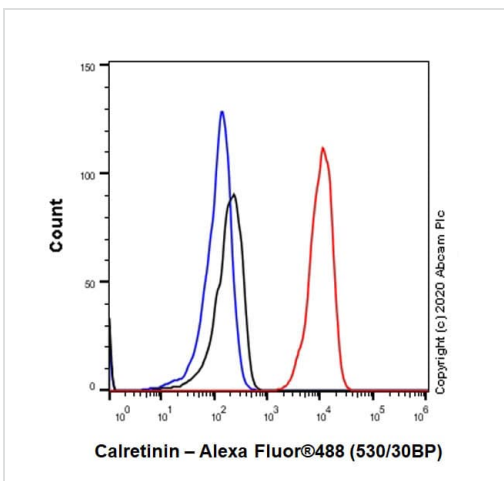
Predicted band size: 29 kDa

Observed band size: 29 kDa



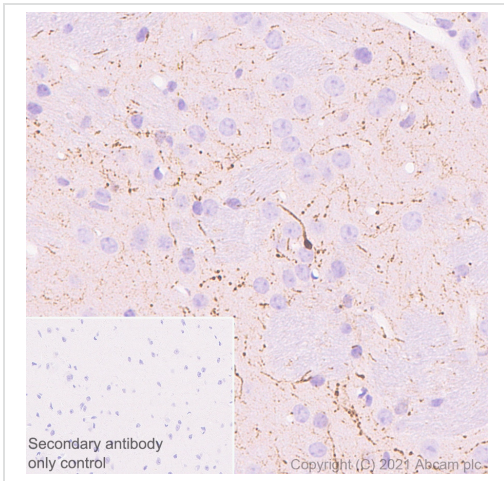
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calretinin antibody [EP1798] (ab92341)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat cerebrum tissue sections labeling Calretinin with purified ab92341 at 1:4000 (0.034 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 1 (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



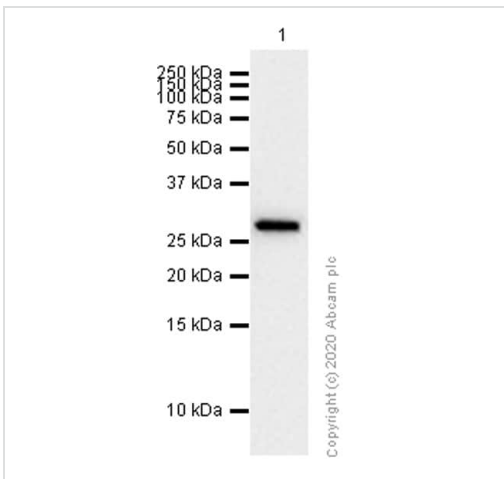
Flow Cytometry (Intracellular) - Anti-Calretinin antibody [EP1798] (ab92341)

Flow Cytometry analysis of SH-SY5Y (Human neuroblastoma epithelial cell) cells labelling Calretinin with purified ab92341 at 1/20 dilution (10 µg/ml) (red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150081**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse cerebrum tissue sections labeling Calretinin with purified ab92341 at 1:4000 (0.034 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 1 (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calretinin antibody [EP1798] (ab92341)



Anti-Calretinin antibody [EP1798] (ab92341) at 1/1000 dilution (Purified) + Human brain lysate at 15 µg

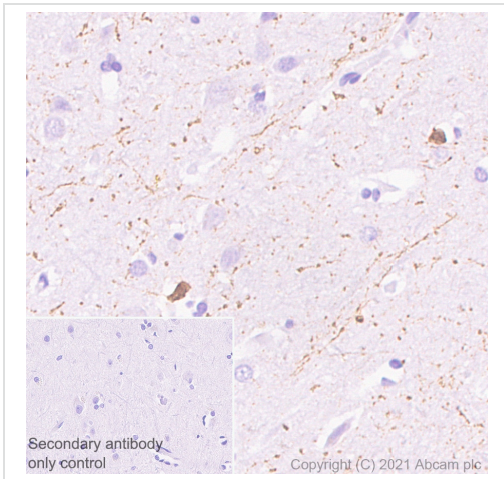
Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

Predicted band size: 29 kDa

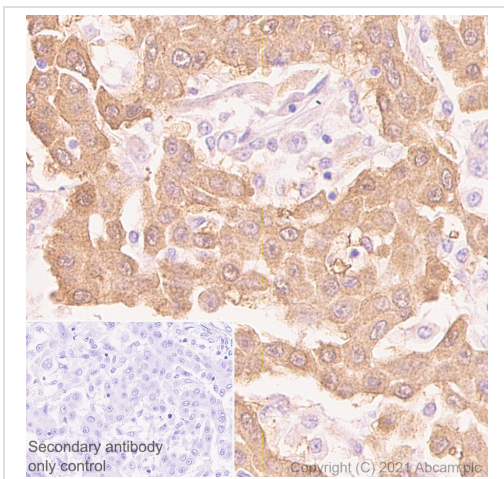
Observed band size: 29 kDa

Western blot - Anti-Calretinin antibody [EP1798] (ab92341)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human cerebrum tissue sections labeling Calretinin with purified ab92341 at 1:4000 (0.034 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 1 (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calretinin antibody [EP1798] (ab92341)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human mesothelioma tissue sections labeling Calretinin with purified ab92341 at 1:4000 (0.034 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 1 (pH 6.0). Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Calretinin antibody [EP1798] (ab92341)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-Calretinin antibody [EP1798] (ab92341)

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