

Anti-cAMP antibody [EP8471] ab134901

重组 RabMAb

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

概述

产品名称	Anti-cAMP抗体[EP8471]
描述	兔单克隆抗体[EP8471] to cAMP
宿主	Rabbit
特异性	This antibody does not cross react with cGMP, GMP, GDP, cIMP, cCMP, or adenosine.
经测试应用	适用于: ELISA, ICC/IF
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to cAMP conjugated to keyhole limpet haemocyanin.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EP8471
同种型	IgG

The Abpromise guarantee

Abpromise™承诺保证使用ab134901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
ELISA		Use a concentration of 0.25 µg/ml.
ICC/IF		Use a concentration of 5 µg/ml.

靶标

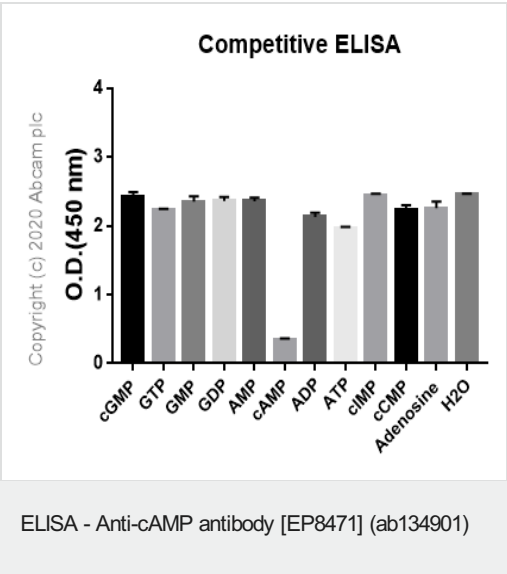
相关性

Cyclic adenosine monophosphate (cAMP) plays a key role as an intracellular second messenger for transduction events that follow a number of extracellular signals. The G-Protein Coupled Receptors (GPCR) is the largest family of cell surface receptors. They can be activated by different ligands, such as neurotransmitters, hormones, ions, small molecules, peptides, and other physiological signaling molecules. Typically, the binding of the ligands to its receptor resulting in the activation of G-proteins, in return, activates the effector adenylyl cyclase evoking the production of cAMP. The activation of a protein kinase by cAMP results in the phosphorylation of substrate proteins. Currently successful drugs in marketing have been developed to target these receptors. Among the GPCRs, ~367 receptors are potential drug development targets, but only about 20 have been used to generate therapeutically and commercially successful drugs so far. Because the involvement of cAMP can amplify the response of the ligand binding, the second messenger cAMP has been largely employed to monitor the activation of the GPCR to facilitate the therapeutic drug discovery.

细胞定位


Secreted

图片




Competitive ELISA antigen dose-response graph using purified ab134901 (0.25 µg/mL). Antigen concentration of 0.1 µg/mL. AffiniPure Goat Anti-Rabbit IgG FC-HRP (1/2500 dilution) was used as the secondary antibody.


Why choose a recombinant antibody?




**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-cAMP antibody [EP8471] (ab134901)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
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