

# Anti-EYA2 antibody [EPR2942] ab92505

重组 RabMAb

## 1 References [2 图像](#)

### 概述

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产品名称	Anti-EYA2抗体[EPR2942]
描述	兔单克隆抗体[EPR2942] to EYA2
宿主	Rabbit
经测试应用	<b>适用于:</b> WB <b>不适用于:</b> Flow Cyt, ICC/IF or IHC-P
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	Y-79 cell lysate and 293T cell lysate
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### 性能

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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	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2942
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab92505 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		1/50000 - 1/200000. Predicted molecular weight: 59 kDa.

**应用说明**      Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

## 靶标

**功能**      Tyrosine phosphatase that specifically dephosphorylates 'Tyr-142' of histone H2AX (H2AXY142ph). 'Tyr-142' phosphorylation of histone H2AX plays a central role in DNA repair and acts as a mark that distinguishes between apoptotic and repair responses to genotoxic stress. Promotes efficient DNA repair by dephosphorylating H2AX, promoting the recruitment of DNA repair complexes containing MDC1. Its function as histone phosphatase probably explains its role in transcription regulation during organogenesis. Coactivates SIX1. Seems to coactivate SIX2, SIX4 and SIX5. Together with SIX1 and DACH2 seem to be involved in myogenesis. May be involved in development of the eye. Interaction with GNAZ and GNAI2 prevents nuclear translocation and transcriptional activity.

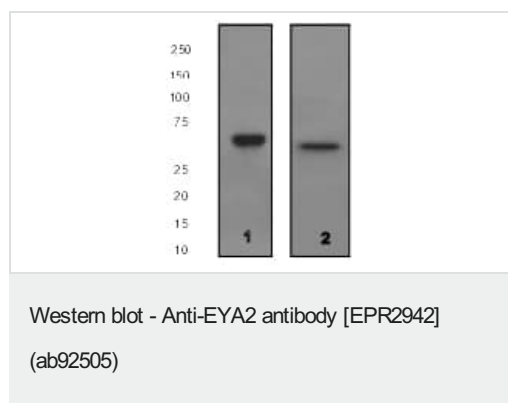
**组织特异性**      Highest expression in muscle with lower levels in kidney, placenta, pancreas, brain and heart.

**序列相似性**      Belongs to the HAD-like hydrolase superfamily. EYA family.

**发展阶段**      At the begin of fourth week of development detected in cytoplasm of somite cells. Between the sixth and eighth week of development detected in cytoplasm of limb bud cells.

**细胞定位**      Cytoplasm. Nucleus.

## 图片



**All lanes** : Anti-EYA2 antibody [EPR2942] (ab92505) at 1/50000 dilution

**Lane 1** : Y-79 cell lysate

**Lane 2** : 293T cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : HRP-labeled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 59 kDa

### 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-EYA2 antibody [EPR2942] (ab92505)

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

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