abcam

Product datasheet

Anti-EYA2 antibody [EPR2942] ab92505

リコンビナント RabMAb

1 References 画像数 2

製品の概要

製品名	Anti-EYA2 antibody [EPR2942]
製品の詳細	Rabbit monoclonal [EPR2942] to EYA2
由来種	Rabbit
アプリケーション	**適用あり:** WB **適用なし:** Flow Cyt,ICC/IF or IHC-P
種交差性	**交差種:** Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	Y-79 cell lysate and 293T cell lysate
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR2942
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab92505の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/50000 - 1/200000. Predicted molecular weight: 59 kDa.

追加情報 Is unsuitable for Flow Cyt,ICC/IF or IHC-P.

ターゲット情報

機能 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.

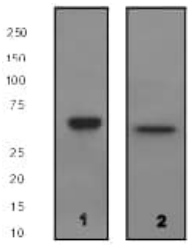
組織特異性 Highest expression in muscle with lower levels in kidney, placenta, pancreas, brain and heart.

配列類似性 Belongs to the HAD-like hydrolase superfamily. EYA family.

発生段階 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.

細胞内局在 Cytoplasm. Nucleus.

画像



Western blot - Anti-EYA2 antibody [EPR2942] (ab92505)

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

Anti-EYA2 antibody [EPR2942] (ab92505)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.co.jp/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors