

# Recombinant Human EYA2 protein ab124581

画像数 1

### 製品の詳細

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製品名	Recombinant Human EYA2 protein
精製度	> 90 % SDS-PAGE. <b>ab123581</b> is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<b><u>O00167</u></b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHH SGLVPRGSH MGSMERVFVW DLDETIIFH SLLTGT FASR YGKDTTTSVR IGLMMEEMIF NLADTHLFFN DLEDCDQIHV DDVSSDDNGQ DLSTYNFSAD GFHSSAPAAN LCLGSGVHGG VDWMRKLAFR YRRVKEMYNT YKNNVGGLIG TPKRETWLQL RAELEALTDL WLTHSLKALN LINSRPNCVN VLVT TTTQLIP ALAKVLLYGL GSVFPIENIY SATKTGKESC FERIMQRFGR KAVYVVIGDG VEEEQGAKKH NMPFWRISCH ADLEALRHAL ELEYL
予測される分子量	33 kDa including tags
領域	244 to 514
タグ	His tag N-Terminus

### 特性

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Our **Abpromise guarantee** covers the use of **ab124581** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

## 前処理および保存

### 保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

## 関連情報

### 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.

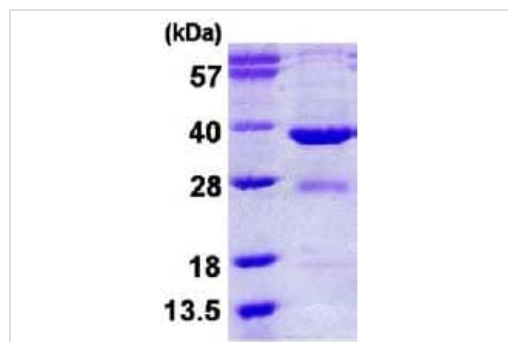
### 発生段階

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



15% SDS-PAGE showing ab124581 (3μg).

SDS-PAGE - Recombinant Human EYA2 protein  
(ab124581)

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

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- 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

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