

Anti-EYA4 antibody ab93865

画像数 2

製品の概要

製品名	Anti-EYA4 antibody
製品の詳細	Rabbit polyclonal to EYA4
由来種	Rabbit
アプリケーション	適用あり: WB, IP
種交差性	交差種: Human 交差が予測される動物種: Rabbit, Guinea pig, Chimpanzee, Rhesus monkey, Gorilla, Orangutan



免疫原	Synthetic peptide from within residues: MEDSQDLNEQ SVKKTCTESD VSQSQNSRSM EMQDLASPHT LVGGGDTPGS, corresponding to N terminal amino acids 1-50 of Human EYA4 (NP_004091.3) Run BLAST with ExPASy Run BLAST with NCBI
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ポジティブ・コントロール	HeLa wholec cell lysate
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特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
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製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7 Preservative: 0.09% Sodium azide Constituent: Tris citrate/phosphate
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

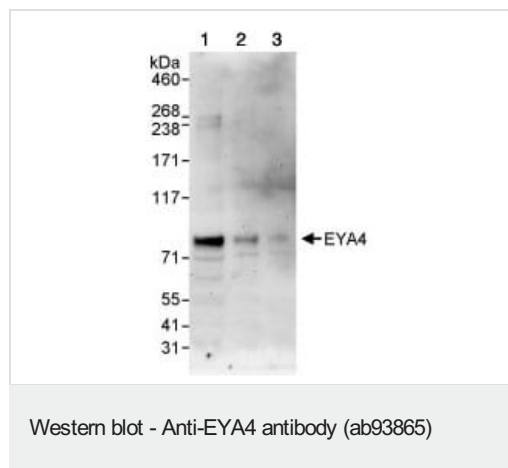
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab93865の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/5000. Predicted molecular weight: 70 kDa.
IP		Use at 2-5 µg/mg of lysate.

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. May be involved in development of the eye.
組織特異性	Highly expressed in heart and skeletal muscle.
関連疾患	Defects in EYA4 are the cause of deafness autosomal dominant type 10 (DFNA10) [MIM:601316]. DFNA10 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information. Defects in EYA4 are the cause of cardiomyopathy dilated type 1J (CMD1J) [MIM:605362]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.
配列類似性	Belongs to the HAD-like hydrolase superfamily. EYA family.
細胞内局在	Cytoplasm. Nucleus.

画像



All lanes : Anti-EYA4 antibody (ab93865) at 0.4 µg/ml

Lane 1 : HeLa cell lysate at 50 µg

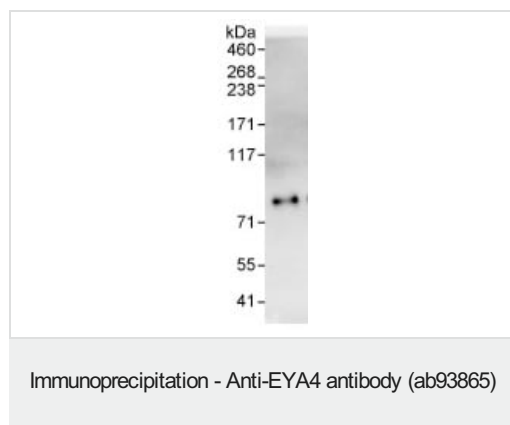
Lane 2 : HeLa cell lysate at 15 µg

Lane 3 : HeLa cell lysate at 5 µg

Developed using the ECL technique.

Predicted band size: 70 kDa

Exposure time: 3 minutes



3µg ab93865 were used to immunoprecipitate EYA4 from 1mg HeLa whole cell lysate. 20% IP was loaded and probed with 1µg/ml ab93865.

Detection: chemiluminescence with exposure time of 10 seconds.

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

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