

Anti-CSAD/CSD antibody ab91016

★★★★★ [1 Abreviews](#) [7 References](#) [3 图像](#)

概述

产品名称	Anti-CSAD/CSD抗体
描述	兔多克隆抗体to CSAD/CSD
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: WB, ICC/IF 不适用于: IHC-P
种属反应性	与反应: Mouse, Rat
免疫原	Synthetic peptide corresponding to Mouse CSAD/CSD aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab103175)
阳性对照	WB: Mouse and rat liver and kidney tissue lysates. ICC/IF: PC-12 cells.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: PBS

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising

agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.

纯度 Immunogen affinity purified
克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab91016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)	Use a concentration of 1 µg/ml. Detects a band of approximately 55 kDa (predicted molecular weight: 55 kDa).
ICC/IF		Use a concentration of 5 µg/ml.

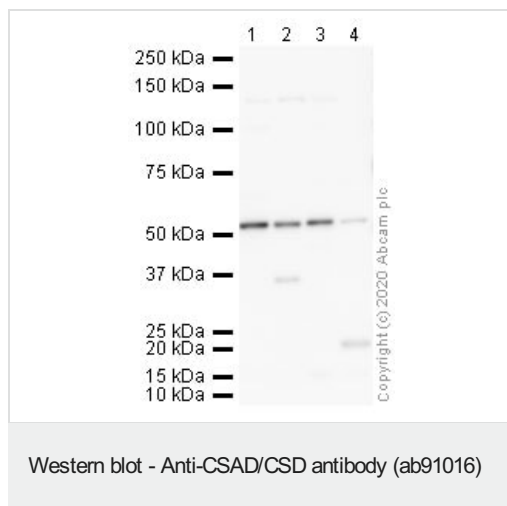
应用说明 Is unsuitable for IHC-P.

靶标

通路 Organosulfur biosynthesis; taurine biosynthesis; hypotaurine from L-cysteine: step 2/2.

序列相似性 Belongs to the group II decarboxylase family.

图片



All lanes : Anti-CSAD/CSD antibody (ab91016) at 1 µg/ml

Lane 1 : Mouse Liver lysate

Lane 2 : Mouse Kidney lysate

Lane 3 : Rat Liver lysate

Lane 4 : Rat Kidney lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat polyclonal to Rabbit IgG - H&L - Pre-Adsorbed (HRP) at 1/50000 dilution

Developed using the ECL technique.

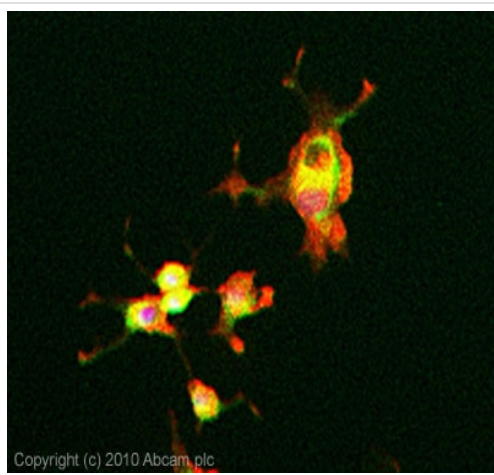
Performed under reducing conditions.

Predicted band size: 55 kDa

Observed band size: 55 kDa

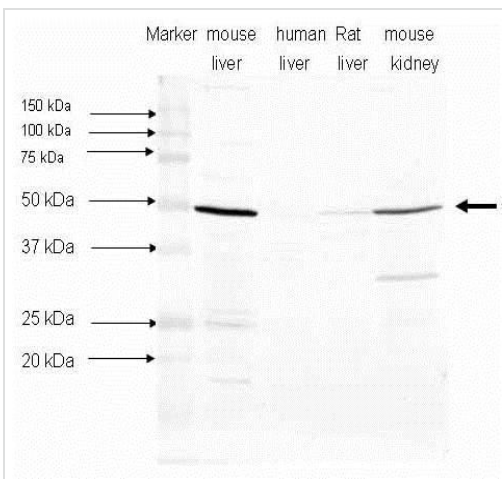
Exposure time: 2 minutes

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% BSA before being incubated with ab91016 overnight at 4°C. Antibody binding was visualised using ECL development solution **ab133406**.



Immunocytochemistry/ Immunofluorescence - Anti-CSAD/CSD antibody (ab91016)

ICC/IF image of ab91016 stained PC12 cells. The cells were 4% formaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody ab91016 at 5µg/ml overnight at +4°C. The secondary antibody (green) was Alexa Fluor® 488 goat anti- rabbit IgG (H+L) used at a 1/1000 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM. This antibody also gave a positive result in Methanol fixed (5min) PC12 cells at 5ug/ml.



Western blot - Anti-CSAD/CSD antibody (ab91016)

This image is courtesy of an Abreview submitted by Hua Jiang

All lanes : Anti-CSAD/CSD antibody (ab91016) at 1/1000 dilution

Lane 1 : Mouse liver tissue lysate

Lane 2 : Human liver tissue lysate

Lane 3 : Rat liver tissue lysate

Lane 4 : Mouse kidney tissue lysate

Lysates/proteins at 50 µg per lane.

Performed under reducing conditions.

Predicted band size: 55 kDa

Exposure time: 30 seconds

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