

Anti-CSAD/CSD antibody ab91016

★★★★★ [1 Abreviews](#) [7 References](#) [画像数 3](#)

製品の概要

製品名	Anti-CSAD/CSD antibody
製品の詳細	Rabbit polyclonal to CSAD/CSD
由来種	Rabbit
特異性	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.
アプリケーション	適用あり: WB, ICC/IF 適用なし: IHC-P
種交差性	交差種: Mouse, Rat
免疫原	Synthetic peptide corresponding to Mouse CSAD/CSD aa 1-100 conjugated to keyhole limpet haemocyanin. (Peptide available as ab103175)
ポジティブ・コントロール	WB: Mouse and rat liver and kidney tissue lysates. ICC/IF: PC-12 cells.
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>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	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.

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ab91016の使用に適用されず**
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)	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.

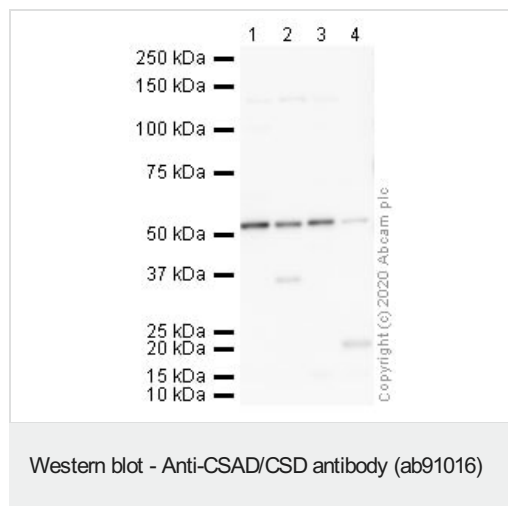
追加情報 Is unsuitable for IHC-P.

ターゲット情報

パスウェイ Organosulfur biosynthesis; taurine biosynthesis; hypotaurine from L-cysteine: step 2/2.

配列類似性 Belongs to the group II decarboxylase family.

画像



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.

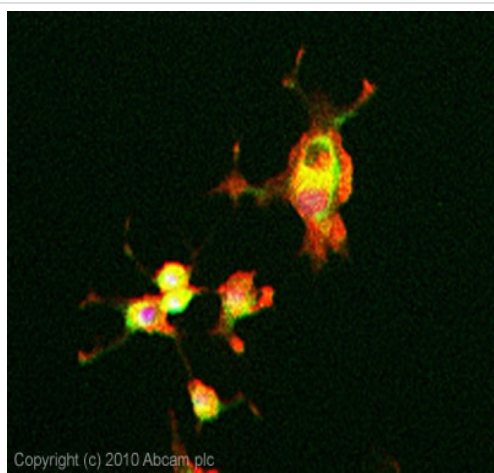
Performed under reducing conditions.

Predicted band size: 55 kDa

Observed band size: 55 kDa

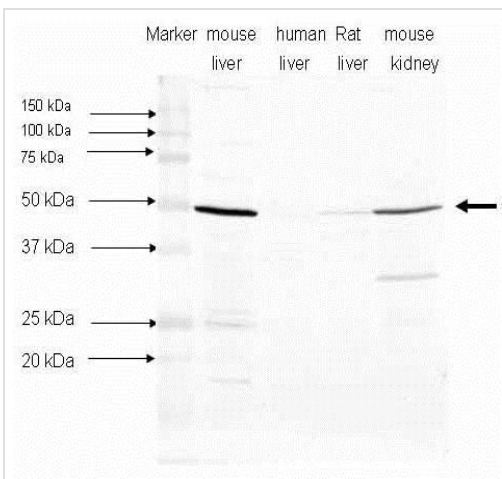
Exposure time: 2 minutes

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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