

Anti-Choline Acetyltransferase antibody [EPR16590] ab178850

リコンビナント RabMAb

★★★★★ **6 Abreviews** **39 References** 画像数 8

製品の概要

製品名	Anti-Choline Acetyltransferase antibody [EPR16590]
製品の詳細	Rabbit monoclonal [EPR16590] to Choline Acetyltransferase
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P
種交差性	交差種: Mouse, Rat, Rabbit, Guinea pig
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	WB: Rat brain lysate; Rabbit brain lysate; Guinea Pig brain and cerebellum lysates. IHC-P: Mouse cerebral cortex tissue, Guinea Pig cerebral cortex tissue,
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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 long term. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR16590
アイソタイプ	IgG

アプリケーション

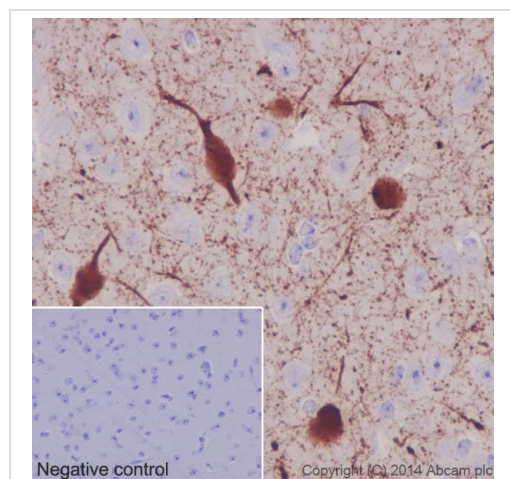
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab178850の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB	★★★★☆ (1)	1/1000. Detects a band of approximately 72 kDa (predicted molecular weight: 72 kDa).
IHC-P	★★★★★ (2)	1/2000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

ターゲット情報

機能	Catalyzes the reversible synthesis of acetylcholine (ACh) from acetyl CoA and choline at cholinergic synapses.
関連疾患	Myasthenic syndrome, congenital, 6, presynaptic
配列類似性	Belongs to the carnitine/choline acetyltransferase family.

画像

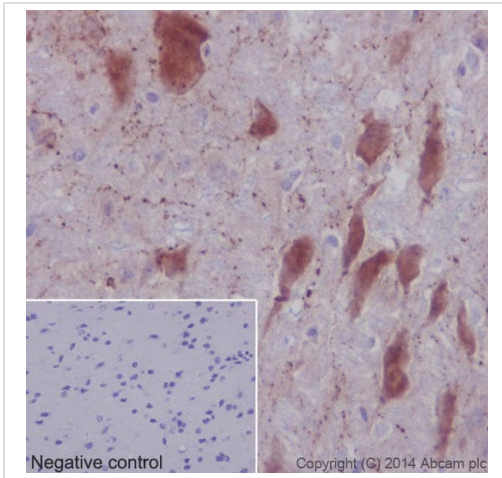


Immunohistochemical analysis of paraffin-embedded Guinea Pig cerebral cortex tissue labeling Choline Acetyltransferase with ab178850 at 1/2000 followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Nucleus and cytoplasm staining on neurons of Guinea Pig cerebral cortex is observed. Counter stained with Hematoxylin.

Negative control: Using PBS instead of primary ab, secondary ab is prediluted HRP Polymer for Rabbit/Mouse IgG.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

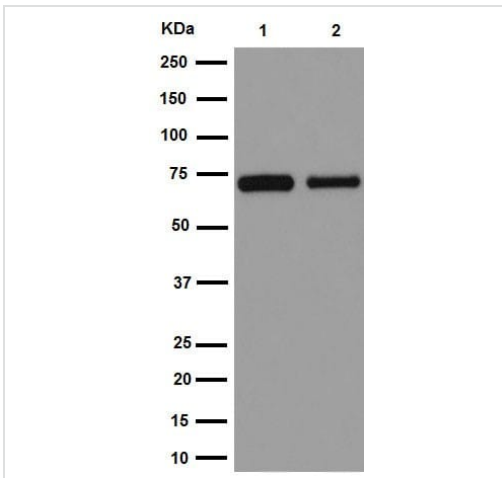


Immunohistochemical analysis of paraffin-embedded Mouse cerebral cortex tissue labeling Choline Acetyltransferase with ab178850 at 1/2000 followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Nucleus and cytoplasm staining on neurons of Mouse cerebral cortex is observed. Counter stained with Hematoxylin.

Negative control: Using PBS instead of primary ab, secondary ab is prediluted HRP Polymer for Rabbit/Mouse IgG.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)



Western blot - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

All lanes : Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850) at 1/5000 dilution

Lane 1 : Guinea Pig brain lysate

Lane 2 : Guinea Pig cerebellum lysate

Lysates/proteins at 20 µg per lane.

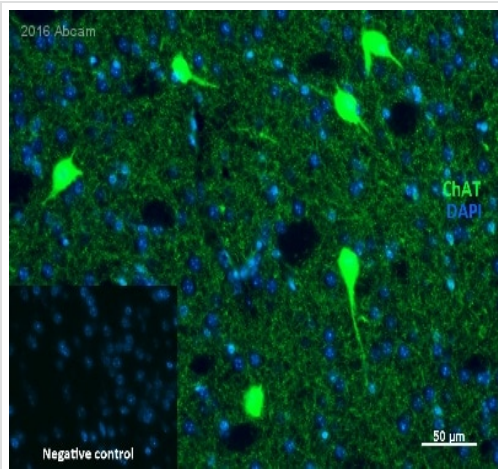
Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 72 kDa

Observed band size: 72 kDa

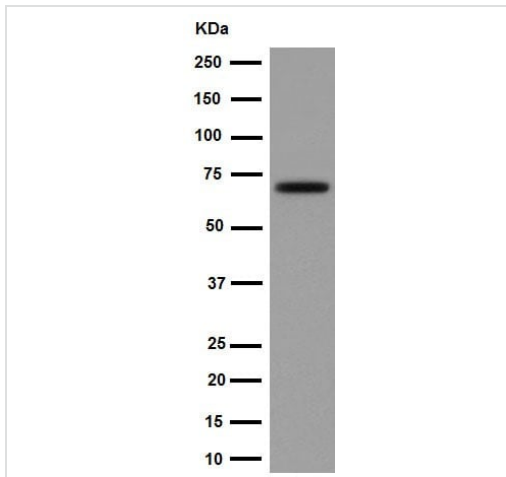
Blocking/Dilution buffer: 5% NFD/MBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

This image is courtesy of an anonymous abreview.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse brain tissue sections labeling Choline Acetyltransferase with ab178850 at 1/2000 dilution. Cells were fixed in 10% normal buffered formalin, heat mediated antigen retrieval was performed using TE pH9. A donkey anti-rabbit Alexa Fluor 647 was used as the secondary antibody at 1/300 dilution. Green was a false colour used to represent the Alexa Fluor 647 fluorescent signal.



Western blot - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850) at 1/1000 dilution + Rabbit brain lysate at 10 μg

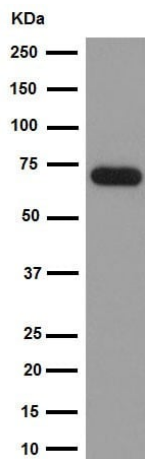
Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 72 kDa

Observed band size: 72 kDa

Blocking/Dilution buffer: 5% NFDN/TBST.



Western blot - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850) at 1/1000 dilution + Rat brain lysate at 10 μ g

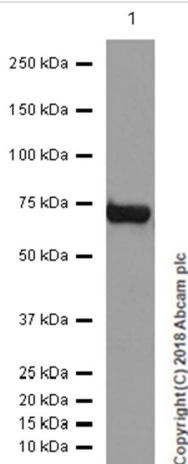
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 72 kDa

Observed band size: 72 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850)

Anti-Choline Acetyltransferase antibody [EPR16590] (ab178850) at 1/2000 dilution + Mouse brain tissue lysate at 20 μ g with 5% NFDm/TBST

Secondary


Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 72 kDa

Observed band size: 72 kDa

Exposure time: 3 minutes

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Choline Acetyltransferase antibody [EPR16590]
(ab178850)

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