


Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody ab87199

★☆☆☆☆ **1 Abreviews** **8 References** 画像数 **2**

製品の概要

製品名	Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody
製品の詳細	Rabbit polyclonal to Muscarinic Acetylcholine Receptor M3/CHRM3
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: Rat 交差が予測される動物種: Mouse, Sheep, Rabbit, Horse, Cow, Pig, Chinese hamster 
免疫原	Synthetic peptide corresponding to Rat Muscarinic Acetylcholine Receptor M3/CHRM3 aa 550 to the C-terminus (C terminal) conjugated to keyhole limpet haemocyanin. (Peptide available as ab139964)
ポジティブ・コントロール	This antibody gave a positive signal in the following Rat tissue lysates: Brain; Forebrain; Substantia Nigra; Heart.
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ab87199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確認ください。

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 85 kDa (predicted molecular weight: 66 kDa).
IHC-P		Use a concentration of 5 µg/ml.

ターゲット情報

機能

The muscarinic acetylcholine receptor mediates various cellular responses, including inhibition of adenylate cyclase, breakdown of phosphoinositides and modulation of potassium channels through the action of G proteins. Primary transducing effect is Pi turnover.

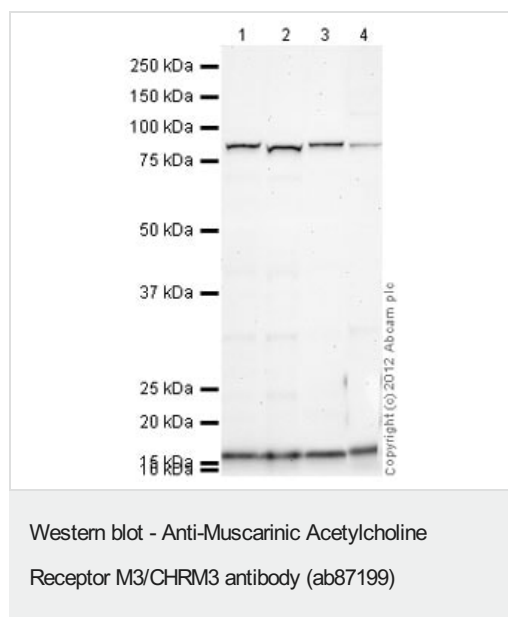
配列類似性

Belongs to the G-protein coupled receptor 1 family. Muscarinic acetylcholine receptor subfamily. CHRM3 sub-subfamily.

細胞内局在

Cell membrane. Cell junction > synapse > postsynaptic cell membrane. Basolateral cell membrane.

画像



All lanes : Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody (ab87199) at 1 µg/ml

Lane 1 : Brain (Rat) Tissue Lysate

Lane 2 : Rat Forebrain Rat Tissue Lysate

Lane 3 : Rat Substantia Nigra Tissue Lysate

Lane 4 : Heart (Rat) Tissue Lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

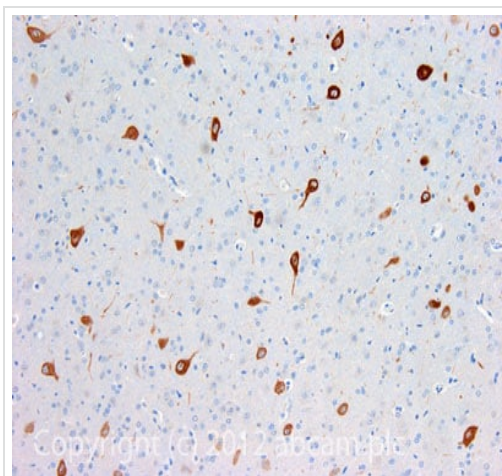
Predicted band size: 66 kDa

Observed band size: 85 kDa

Additional bands at: 16 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 8 minutes

Muscarinic Acetylcholine Receptor M3/CHRM3 contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Muscarinic Acetylcholine Receptor M3/CHRM3 antibody (ab87199)

IHC image of Muscarinic Acetylcholine Receptor M3/CHRM3 staining in Rat normal brain (Sagittal) formalin fixed paraffin embedded tissue section, performed on a Leica BondTM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab87199, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

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