abcam

Product datasheet

Anti-NCAM1 antibody ab95153

★★★★★ **2 Abreviews**   **3 References**   画像数 2

製品の概要

製品名	Anti-NCAM1 antibody
製品の詳細	Rabbit polyclonal to NCAM1
由来種	Rabbit
アプリケーション	**適用あり:** IHC-P, WB
種交差性	**交差種:** Mouse, Rat
	交差が予測される動物種: Chinese hamster ⚠
免疫原	Synthetic peptide corresponding to Mouse NCAM1 aa 1050 to the C-terminus conjugated to keyhole limpet haemocyanin. (Peptide available as **ab123829**)
ポジティブ・コントロール	This antibody gave a positive signal in the following tissue lysates: Mouse Brain; Mouse Forebrain; Mouse Hippocampus; Rat Brain; Rat Cerebellum; Rat Forebrain.
特記事項	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. 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

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.

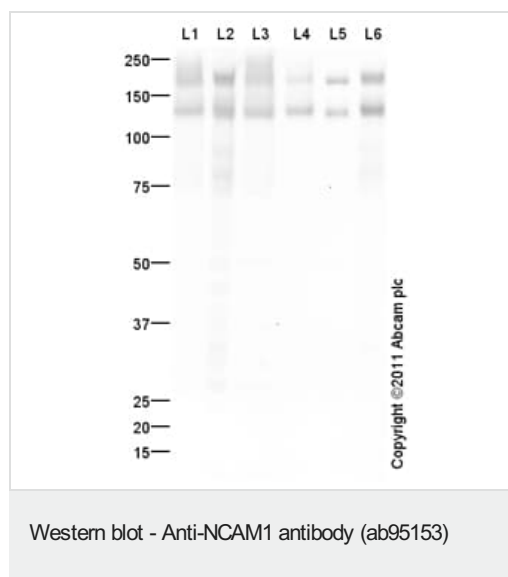| 精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

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ab95153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
IHC-P	★★★★★ (1)	Use a concentration of 1 µg/ml.
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 140,180 kDa (predicted molecular weight: 119 kDa).

ターゲット情報

機能	This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.
配列類似性	Contains 2 fibronectin type-III domains. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
細胞内局在	Secreted and Cell membrane.

画像

Western blot - Anti-NCAM1 antibody (ab95153)

All lanes : Anti-NCAM1 antibody (ab95153) at 1 µg/ml

Lane 1 : Brain (Mouse) Tissue Lysate
Lane 2 : Forebrain (Mouse) Tissue Lysate
Lane 3 : Mouse Hippocampus Tissue Lysate
Lane 4 : Brain (Rat) Tissue Lysate
Lane 5 : Cerebellum Rat Tissue Lysate
Lane 6 : Rat Forebrain

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution
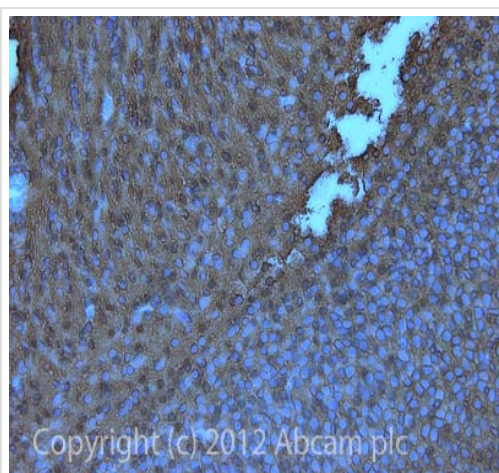
Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 119 kDa
Observed band size: 140,180 kDa

Exposure time: 30 seconds

This antibody recognises isoforms NCAM140 and NCAM180, at 140 and 180 kDa respectively. NCAM contains a number of potential glycosylation sites (SwissProt) which may explain its migration at a higher molecular weight than predicted. This banding pattern has been observed in the literature PMID:21389209. Abcam recommends using milk as the blocking agent. Abcam welcomes customer feedback and would appreciate any comments regarding this product and the data presented above.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NCAM1 antibody (ab95153)

IHC image of NCAM staining in Mouse foetal brain formalin fixed paraffin embedded tissue section, performed on a Leica BondTM system using the standard protocol B. 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 ab95153, 1µg/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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