

Anti-NEAS antibody [D8B7] ab11755

★★★★★ [10 Abreviews](#) [21 References](#) [画像数 9](#)

製品の概要

製品名	Anti-NEAS antibody [D8B7]
製品の詳細	Mouse monoclonal [D8B7] to NEAS
由来種	Mouse
アプリケーション	適用あり: IHC-P, ICC, WB
種交差性	交差種: Mouse, Rat, Human, Drosophila melanogaster
免疫原	Full length native protein (purified) corresponding to Human NEAS.
ポジティブ・コントロール	IHC-P: Mouse and Rat brain tissue. ICC: 3T3, HeLa cells.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 21/05/2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Affinity purified
特記事項(精製)	Purified from TCS.
ポリ/モノ	モノクローナル
クローン名	D8B7
アイソタイプ	IgG2b

アプリケーション

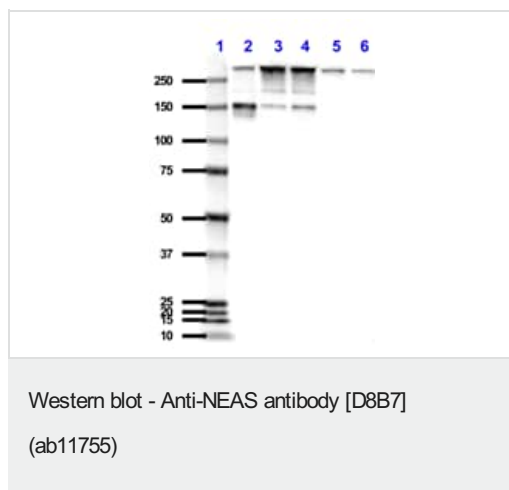
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab11755の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
IHC-P	★★★★★ (2)	Use at an assay dependent concentration. See Abreviews.
ICC		Use at an assay dependent concentration.
WB	★★★★★ (6)	Use at an assay dependent concentration. Predicted molecular weight: 297 kDa.

ターゲット情報

機能	Fodrin, which seems to be involved in secretion, interacts with calmodulin in a calcium-dependent manner and is thus candidate for the calcium-dependent movement of the cytoskeleton at the membrane.
関連疾患	Defects in SPTAN1 are the cause of epileptic encephalopathy early infantile type 5 (EIEE5) [MIM:613477]. EIEE5 is a disorder characterized by seizures associated with hypsarrhythmia profound mental retardation with lack of visual attention and speech development, as well as spastic quadriplegia.
配列類似性	Belongs to the spectrin family. Contains 3 EF-hand domains. Contains 1 SH3 domain. Contains 23 spectrin repeats.
翻訳後修飾	Phosphorylation of Tyr-1176 decreases sensitivity to cleavage by calpain in vitro.
細胞内局在	Cytoplasm > cytoskeleton. Cytoplasm > cell cortex. Expressed along the cell membrane in podocytes and presumptive tubule cells during glomerulogenesis and is expressed along lateral cell margins in tubule cells.

画像



Lanes 2-6 : Anti-NEAS antibody [D8B7] (ab11755) at 0.5 µg/ml

Lane 1 : MW marker

Lane 2 : Human Brain lysate at 20 µg

Lane 3 : Mouse Brain lysate at 20 µg

Lane 4 : Rat Brain lysate at 20 µg

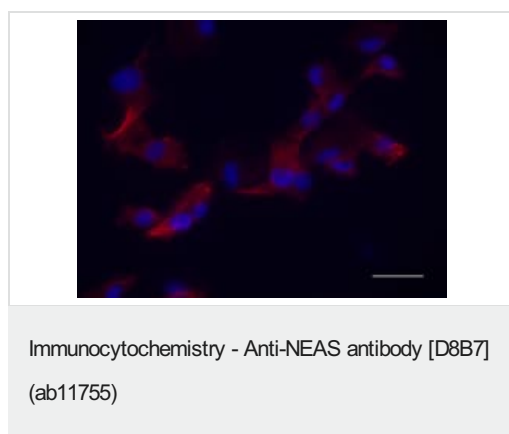
Lane 5 : 3T3 cell lysate at 20 µg

Lane 6 : HeLa cell lysate at 20 µg

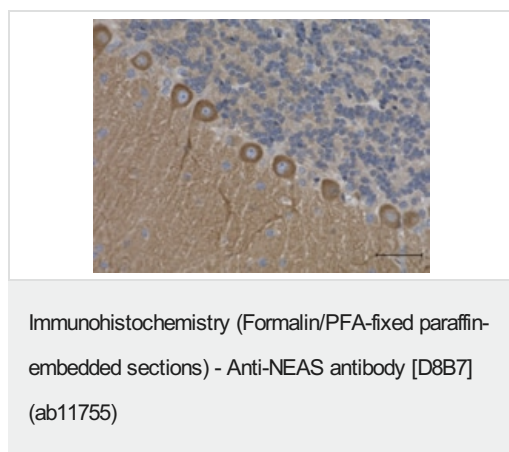
Secondary

Lanes 2-6 : HRP labeled goat anti-mouse IgG

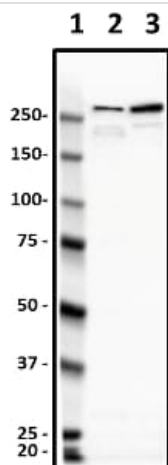
Predicted band size: 297 kDa



ICC staining of purified ab11755 on 3T3 cells. The cells were fixed with 4% PFA, permeabilized with a buffer containing 0.1% Triton X-100 and 0.25% BSA, and blocked with 2% normal goat serum and 0.02% BSA. The cells were then incubated with 1 µg/ml of the primary antibody for overnight at 4°C, followed by incubation with 2.5 µg/ml of Alexa Fluor® 594 goat anti-Mouse IgG for one hour at room temperature. Nuclei were counterstained with DAPI, and the slides were mounted with ProLong™ Gold Antifade Mountant. The image was captured with a 40X objective. Scale bar: 50 µm



IHC staining of purified ab11755 on formalin-fixed paraffin-embedded rat brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R, the tissue was incubated with 1 µg/ml of the primary antibody overnight at 4°C. HRP kit was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 µm



Western blot - Anti-NEAS antibody [D8B7]
(ab11755)

Lanes 2-3 : Anti-NEAS antibody [D8B7] (ab11755) at 0.1 $\mu\text{g/ml}$

Lane 1 : MW marker

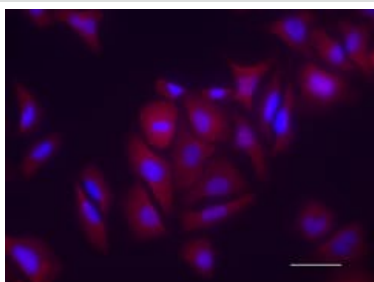
Lane 2 : Drosophila head lysate at 20 μg

Lane 3 : Drosophila S2 (embryonic) cell lysate at 20 μg

Secondary

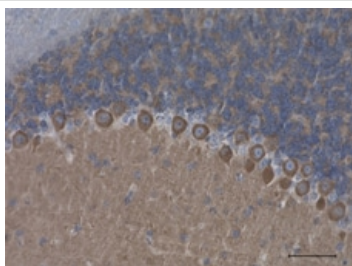
Lanes 2-3 : HRP-labeled goat anti-mouse IgG

Predicted band size: 297 kDa



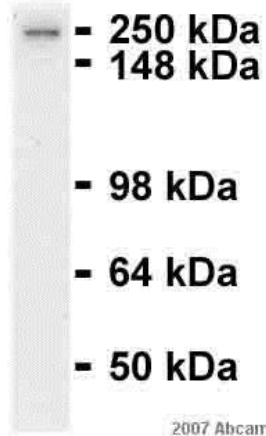
Immunocytochemistry - Anti-NEAS antibody [D8B7]
(ab11755)

ICC staining of purified ab11755 on HeLa cells. The cells were fixed with 4% PFA, permeabilized with a buffer containing 0.1% Triton X-100 and 0.25% BSA, and blocked with 2% normal goat serum and 0.02% BSA. The cells were then incubated with 1 $\mu\text{g/ml}$ of the primary antibody for overnight at 4°C, followed by incubation with 2.5 $\mu\text{g/ml}$ of Alexa Fluor® 594 goat anti-Mouse IgG for one hour at room temperature. Nuclei were counterstained with DAPI, and the slides were mounted with ProLong™ Gold Antifade Mountant. The image was captured with a 40X objective. Scale bar: 50 μm



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-NEAS antibody [D8B7]
(ab11755)

IHC staining of purified ab11755 on formalin-fixed paraffin-embedded mouse brain tissue. Following antigen retrieval using Sodium Citrate H.I.E.R, the tissue was incubated with 1 $\mu\text{g/ml}$ of the primary antibody overnight at 4°C. HRP kit was used for detection followed by hematoxylin counterstaining, according to the protocol provided. The image was captured with a 40X objective. Scale bar: 50 μm



Western blot - Anti-NEAS antibody [D8B7]
(ab11755)
This image is courtesy of an anonymous Abreview

Anti-NEAS antibody [D8B7] (ab11755) at 1/1000 dilution + 3T3 whole cell lysate at 30 µg

Secondary

HRP conjugated goat anti-mouse at 1/5000 dilution

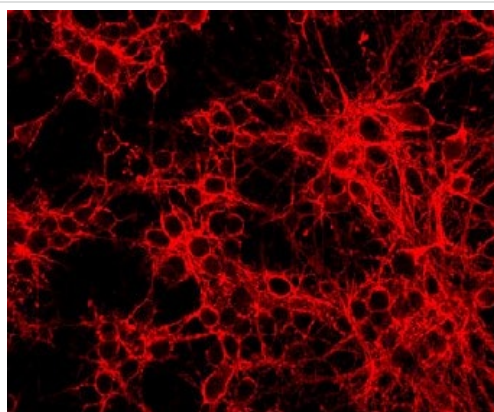
Performed under reducing conditions.

Predicted band size: 297 kDa

Observed band size: 250 kDa

Exposure time: 3 minutes

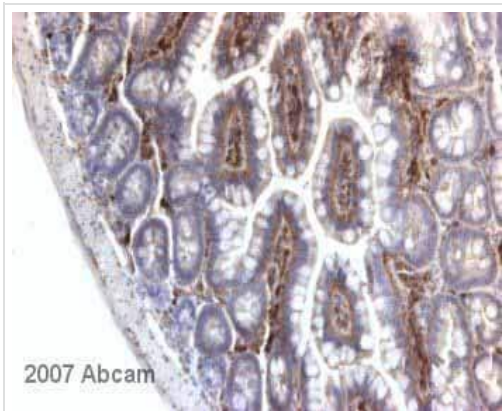
This image was generated using the ascites version of the product.



Immunocytochemistry - Anti-NEAS antibody [D8B7]
(ab11755)

IF using ab11755.

This image was generated using the ascites version of the product.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NEAS antibody [D8B7] (ab11755)

This image is courtesy of an anonymous Abreview

ab11755 at 1/100 staining mouse gut (small bowel) tissue sections by IHC-P. The tissue was paraformaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed before the tissue was blocked and incubated with the antibody for 45 minutes. An HRP conjugated goat anti-mouse antibody was used as the secondary.

This image was generated using the ascites version of the product.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors