


Anti-CNBP antibody ab48027

★★★★★ [3 Abreviews](#) [4 References](#) [画像数 6](#)

製品の概要

製品名	Anti-CNBP antibody
製品の詳細	Goat polyclonal to CNBP
由来種	Goat
特異性	No crossreaction expected with CCHC domain containing 13.
アプリケーション	適用あり: Flow Cyt, ICC/IF, WB
種交差性	交差種: Mouse, Human 交差が予測される動物種: Chicken, Cow, Dog, Xenopus laevis, Chimpanzee, Cynomolgus monkey, Macaque monkey 
免疫原	Synthetic peptide: GESGHLARECTIE , corresponding to C terminal amino acids 162-174 of Human CNBP. Run BLAST with Run BLAST with
ポジティブ・コントロール	Flow Cyt: MCF7 cells ICC/IF: Neuro-2a and MCF2 cells WB: Neuro2a, MCF7, MOLT-4 and Daudi cell lysate; Human skeletal muscle tissue lysate
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. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
精製度	Immunogen affinity purified

特記事項(精製)	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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ab48027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
Flow Cyt		Use a concentration of 10 µg/ml.
ICC/IF		Use a concentration of 10 µg/ml.
WB	★★★★★ (3)	Use a concentration of 0.3 - 1 µg/ml. Detects a band of approximately 19 kDa (predicted molecular weight: 19 kDa). 1 hour primary incubation is recommended for this product.

ターゲット情報

機能	Single stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.
組織特異性	Present in all tissues examined.
関連疾患	Defects in CNBP are the cause of dystrophia myotonica type 2 (DM2) [MIM:602668]; also known as proximal myotonic myopathy (PROMM). A multisystem disease characterized by the association of proximal muscle weakness with myotonia, cardiac manifestations and cataract. Additional features can include hyperhidrosis, testicular atrophy, insulin resistance and diabetes and central nervous system anomalies in rare cases. Note=The causative mutation is a CCTG expansion (mean approximately 5000 repeats) located in intron 1 of the CNBP gene.
配列類似性	Contains 7 CCHC-type zinc fingers.
細胞内局在	Cytoplasm. Endoplasmic reticulum.

画像



Western blot - Anti-CNBP antibody (ab48027)

All lanes : Anti-CNBP antibody (ab48027) at 1 µg/ml

Lane 1 : Daudi cell lysate

Lane 2 : MOLT-4 cell lysate

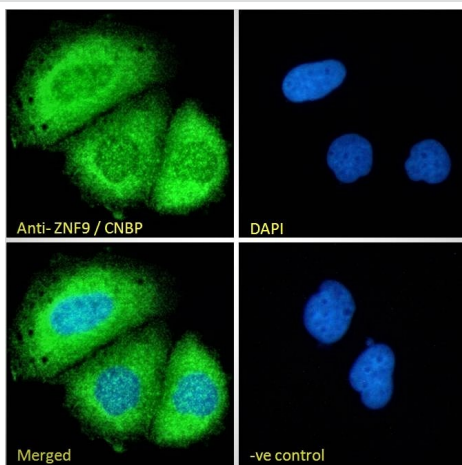
Lane 3 : MCF7 cell lysate

Lane 4 : Neuro2a cell lysate

Lysates/proteins at 35 µg per lane.

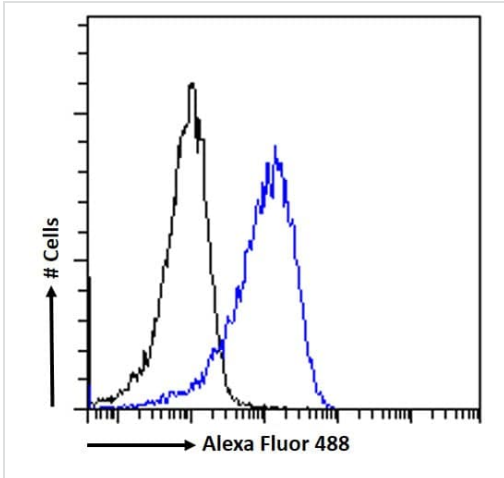
Predicted band size: 19 kDa

Lysate in RIPA buffer. Detected by chemiluminescence.



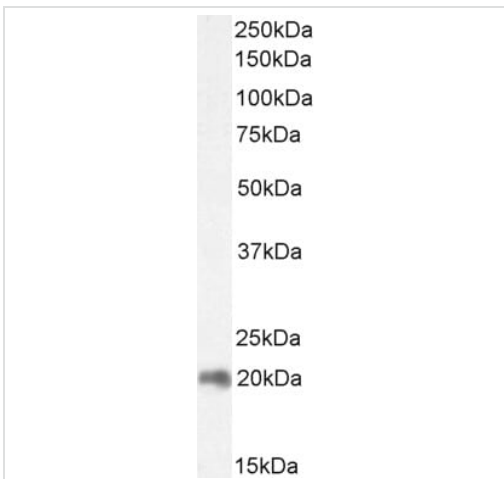
Immunocytochemistry/ Immunofluorescence - Anti-CNBP antibody (ab48027)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing cytoplasmic and some nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).



Flow Cytometry - Anti-CNBP antibody (ab48027)

Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 μ g/mL) followed by Alexa Fluor 488 secondary antibody (1 μ g/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

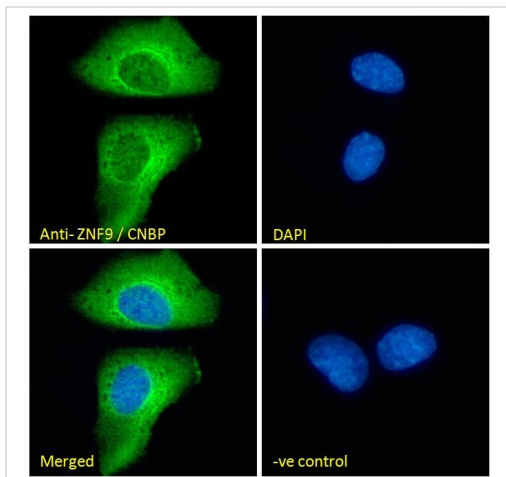


Western blot - Anti-CNBP antibody (ab48027)

Anti-CNBP antibody (ab48027) at 1 μ g/ml + Human Skeletal Muscle lysate at 35 μ g

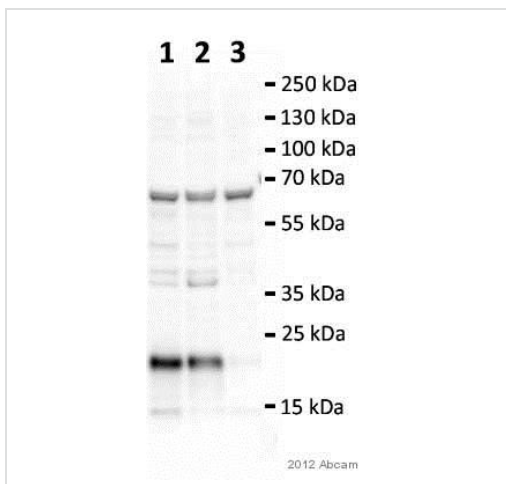
Predicted band size: 19 kDa

Lysate in RIPA buffer. Detected by chemiluminescence.



Immunocytochemistry/ Immunofluorescence - Anti-CNBP antibody (ab48027)

Immunocytochemistry/Immunofluorescence analysis of paraformaldehyde fixed Neuro-2a cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/mL) followed by Alexa Fluor 488 secondary antibody (2µg/mL).



Western blot - Anti-CNBP antibody (ab48027)
Image courtesy of an anonymous Abreview.

All lanes : Anti-CNBP antibody (ab48027) at 1 µg/ml

Lane 1 : Whole cell lysate prepared from 9L cells

Lane 2 : Whole cell lysate prepared from PC12 cells

Lane 3 : Whole cell lysate prepared from RIE-1 cells

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : HRP conjugated rabbit anti-goat polyclonal at 1/5000 dilution

Developed using the ECL technique.

Predicted band size: 19 kDa

Observed band size: 20 kDa

Additional bands at: 65 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 6 minutes

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