abcam

Product datasheet

Anti-CNBP antibody ab48027

★★★★★ 3 Abreviews 4 References 6 图像

概述

产品名称	Anti-CNBP抗体
描述	**山羊多克隆抗体**to CNBP
宿主	Goat
特异性	No crossreaction expected with CCHC domain containing 13.
经测试应用	**适用于:** Flow Cyt, ICC/IF, WB
种属反应性	**与反应:** Mouse, Human **预测可用于:** 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
阳性对照	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
常规说明	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

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified

纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab48027于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

功能	Single stranded DNA-binding protein, with specificity to the sterol regulatory element (SRE). Involved in sterol-mediated repression.
组织特异性	Present in all tissues examined.
疾病相关	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.
序列相似性	Contains 7 CCHC-type zinc fingers.
细胞定位	Cytoplasm. Endoplasmic reticulum.

图片

Western blot - Anti-CNBP antibody (ab48027)

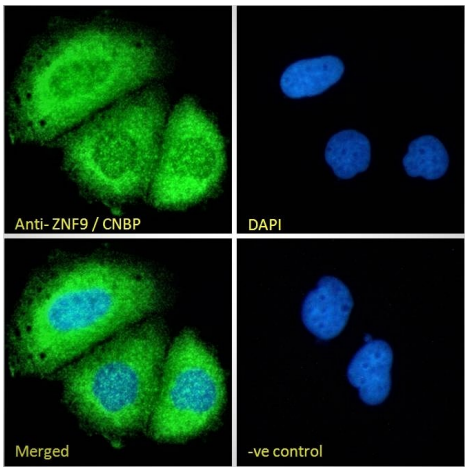
All lanes : Anti-CNBP antibody (ab48027) at 1 µg/ml

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.

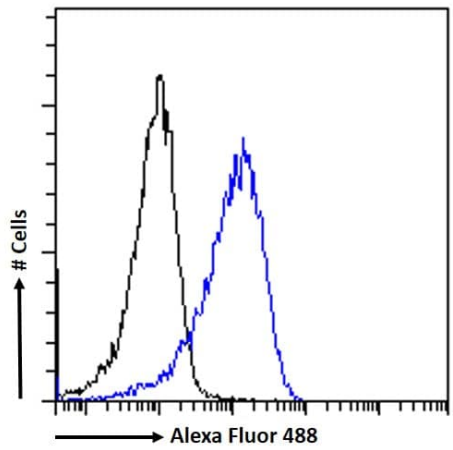
Predicted band size: 19 kDa

Lysate in RIPA buffer. Detected by chemiluminescence.



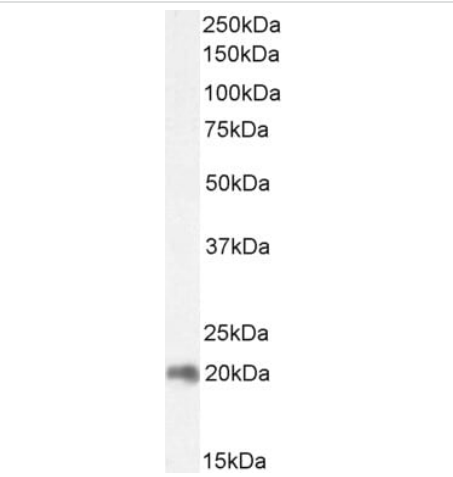
Immunocytochemistry/ Immunofluorescence - Anti-CNBP antibody (ab48027)

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 (10µg/mL) followed by Alexa Fluor 488 secondary antibody (1µg/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

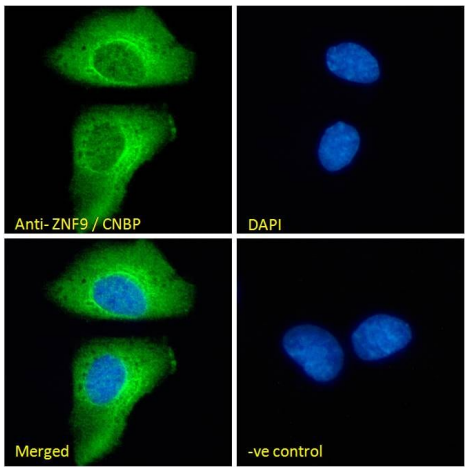


Western blot - Anti-CNBP antibody (ab48027)

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

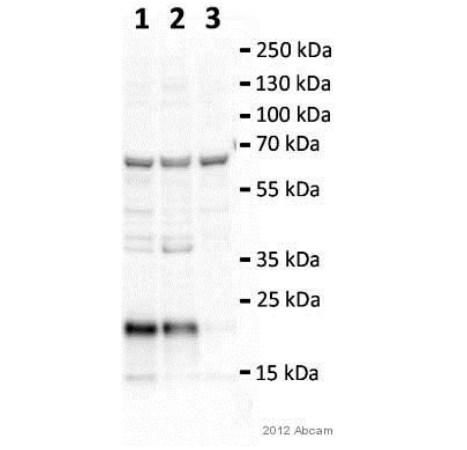
Predicted band size: 19 kDa

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

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- 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.cn/abpromise** or contact our technical team.

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