

### Anti-CTBP2 antibody [EPR7611(B)] ab128871

**重组** RabMAb

**10 References**   **8 图像**

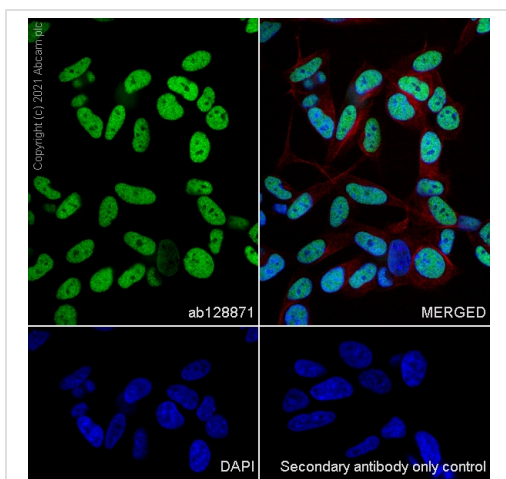
#### 概述

产品名称	Anti-CTBP2抗体[EPR7611(B)]
描述	兔单克隆抗体[EPR7611(B)] to CTBP2
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, ICC/IF, Flow Cyt (Intra)
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HeLa and SK-BR-3 cell lysates. Mouse brain and Rat brain tissue lysates. Flow Cyt (Intra): MCF7 cells. ICC/IF: SH-SY5Y cells IHC-P: Rat stomach, Mouse stomach, Human ovarian carcinoma, and Human glioma tissues.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

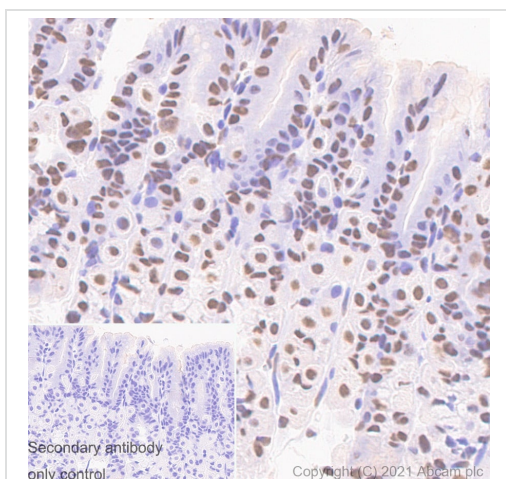
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.20</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR7611(B)

同种型	IgG	
应用		
<div>The Abpromise guarantee<div>Abpromise™承诺保证使用ab128871于以下的经测试应用</div></div> <div>“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。</div>		
应用	Ab评论	说明
WB		1/10000 - 1/50000. Detects a band of approximately 49 kDa (predicted molecular weight: 49 kDa).
IHC-P		1/6000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For mouse and rat, use at 1:12000. <b>For unpurified, use at 1/250 - 1/500.</b> See <b><u>IHC antigen retrieval protocols</u></b> .
ICC/IF		1/50. <b>For unpurified use at 1/100 - 1/250.</b>
Flow Cyt (Intra)		1/20.
靶标		
功能	Corepressor targeting diverse transcription regulators. Functions in brown adipose tissue (BAT) differentiation. Isoform 2 probably acts as a scaffold for specialized synapses.	
组织特异性	Ubiquitous. Highest levels in heart, skeletal muscle, and pancreas.	
序列相似性	Belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family.	
翻译后修饰	Isoform 2 is phosphorylated upon DNA damage, probably by ATM or ATR at Thr-179; Ser-181 and Ser-185. Phosphorylation by HIPK2 on Ser-428 induces proteasomal degradation.	
细胞定位	Nucleus. Cell junction > synapse.	
图片		



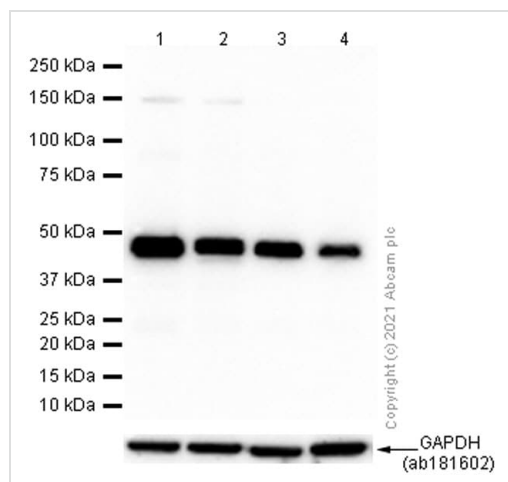
Immunocytochemistry/ Immunofluorescence - Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

Immunocytochemistry analysis of SH-SY5Y (Human neuroblastoma epithelial cell) cells labeling CTBP2 with purified ab128871 at 1:50 dilution (2.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) at 1/200 dilution (2.5 µg/ml) (**ab195889**) (red). Goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as a nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse stomach tissue sections labeling CTBP2 with purified ab128871 at 1:12000 (0.011 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Tissue was counterstained with Hematoxylin. LeicaDS9800 (Bond™ Polymer Refine Detection) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Western blot - Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

**All lanes** : Anti-CTBP2 antibody [EPR7611(B)] (ab128871) at 1/10000 dilution (Purified)

**Lane 1** : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate

**Lane 2** : SK-BR-3 (Human breast adenocarcinoma epithelial cell) whole cell lysate

**Lane 3** : Mouse brain lysate

**Lane 4** : Rat brain lysate

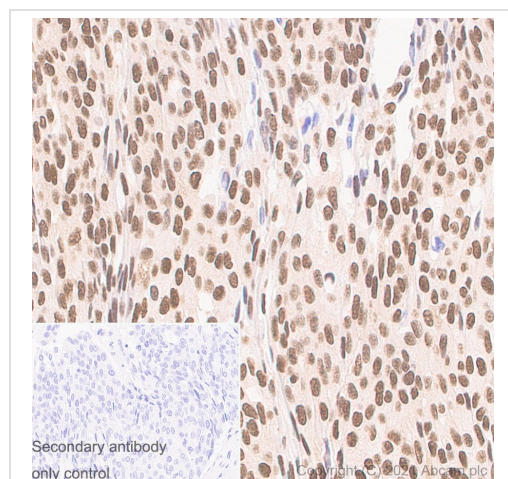
Lysates/proteins at 20 µg per lane.

## Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

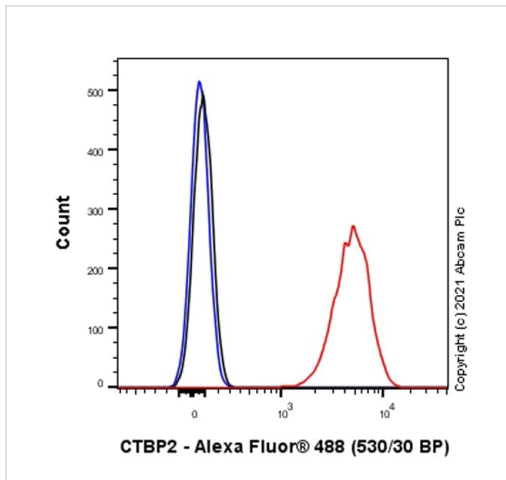
**Predicted band size:** 49 kDa

**Observed band size:** 49 kDa



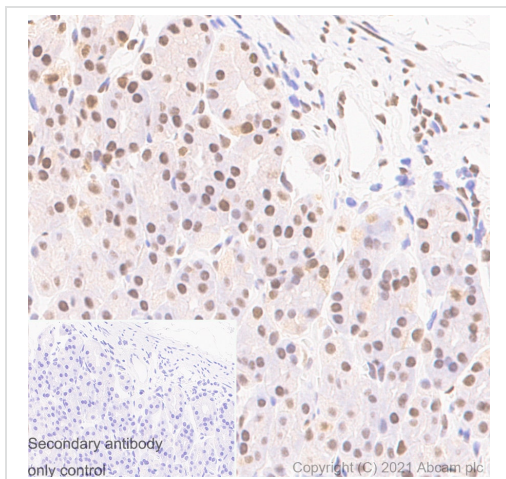
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human ovarian carcinoma tissue sections labeling CTBP2 with purified ab128871 at 1:6000 (0.021 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Tissue was counterstained with Hematoxylin. LeicaDS9800 (Bond™ Polymer Refine Detection) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



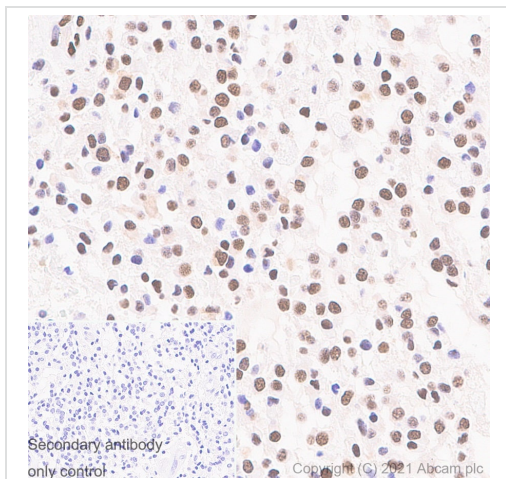
Flow Cytometry (Intracellular) - Anti-CTBP2 antibody  
[EPR7611(B)] (ab128871)

Flow Cytometry analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labelling CTBP2 with purified ab128871 at 1/20 dilution (5 µg/ml) (red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti-rabbit IgG (Alexa Fluor® 488) ([ab150081](#)) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody  
[EPR7611(B)] (ab128871)





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of rat stomach tissue sections labeling CTBP2 with Purified ab128871 at 1:12000 (0.011 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Tissue was counterstained with Hematoxylin. LeicaDS9800 (Bond™ Polymer Refine Detection) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human glioma tissue sections labeling CTBP2 with purified ab128871 at 1:6000 (0.021 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Tissue was counterstained with Hematoxylin. LeicaDS9800 (Bond™ Polymer Refine Detection) was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-CTBP2 antibody [EPR7611(B)] (ab128871)

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