




### Anti-CTBP2 antibody - C-terminal ab190933

面標物 7

医薬用外劇物

#### 製品の概要

製品名	Anti-CTBP2 antibody - C-terminal
製品の詳細	Rabbit polyclonal to CTBP2 - C-terminal
由来種	Rabbit
アプリケーション	<b>適用あり:</b> IHC-Fr, WB, IHC-P, ICC
種交差性	<b>交差種:</b> Mouse, Rat, Human <b>交差が予測される動物種:</b> Cow 
免疫原	Synthetic peptide corresponding to Human CTBP2 aa 400 to the C-terminus (C terminal). Database link: <a href="#">P56545</a>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a>
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&amp;As</p>

#### 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 long term. Avoid freeze / thaw cycle.
バッファー	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Sodium phosphate
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ab190933の使用に適用されます

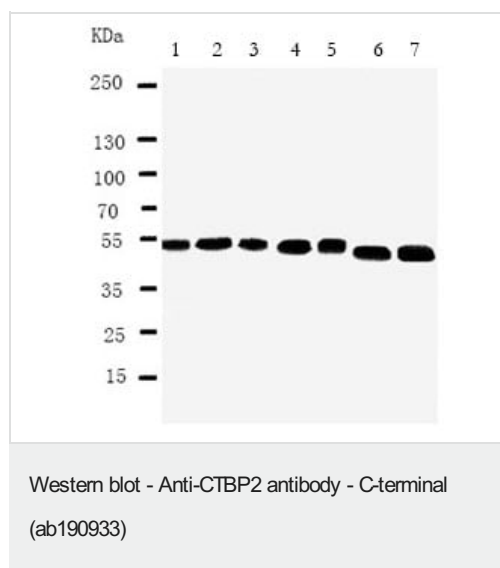
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr		Use a concentration of 0.5 - 1 µg/ml.
WB		Use a concentration of 0.1 - 0.5 µg/ml. Predicted molecular weight: 49 kDa.
IHC-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC		Use a concentration of 0.5 - 1 µg/ml.

## ターゲット情報

機能	Corepressor targeting diverse transcription regulators. Functions in brown adipose tissue (BAT) differentiation. Isoform 2 probably acts as a scaffold for specialized synapses.
組織特異性	Ubiquitous. Highest levels in heart, skeletal muscle, and pancreas.
配列類似性	Belongs to the D-isomer specific 2-hydroxyacid dehydrogenase family.
翻訳後修飾	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.
細胞内局在	Nucleus. Cell junction > synapse.

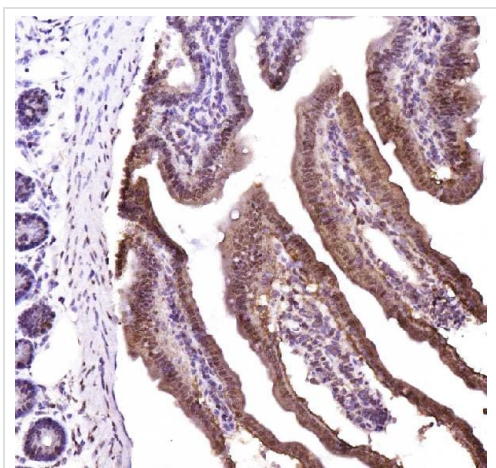
## 画像



**All lanes :** Anti-CTBP2 antibody - C-terminal (ab190933) at 0.5 µg/ml

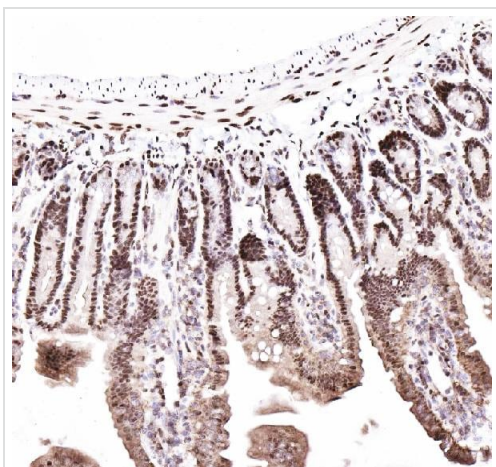
- Lane 1 :** Rat brain tissue lysate
- Lane 2 :** Rat spleen tissue lysate
- Lane 3 :** HeLa cell lysate
- Lane 4 :** 293T cell lysate
- Lane 5 :** COLO320 cell lysate
- Lane 6 :** U87 cell lysate
- Lane 7 :** SW620 cell lysate

**Predicted band size:** 49 kDa



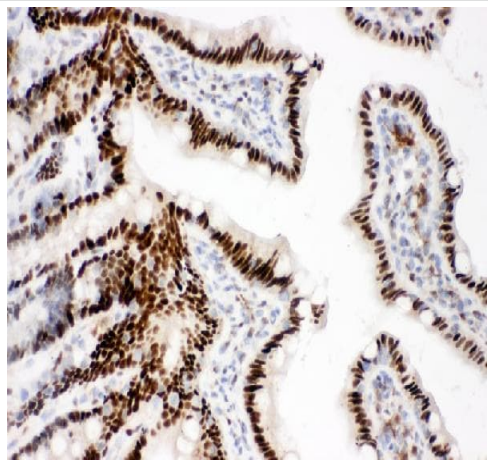
Immunohistochemistry (Frozen sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in frozen section of mouse intestine tissues. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1  $\mu\text{g/ml}$  ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



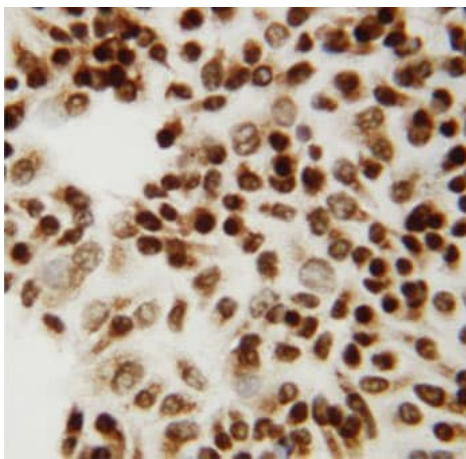
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in paraffin-embedded section of mouse intestine tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1  $\mu\text{g/ml}$  ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



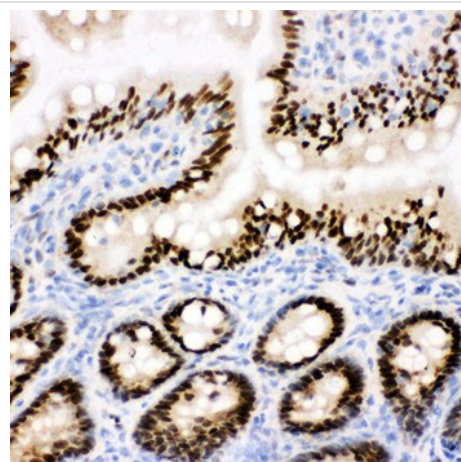
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in paraffin-embedded section of rat intestine tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



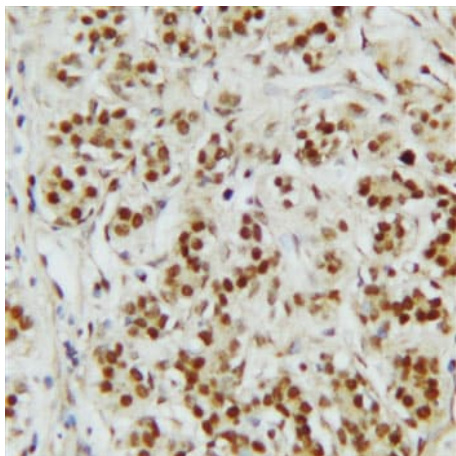
Immunocytochemistry - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in immunocytochemical section of human HeLa cell. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 1µg/ml ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



Immunohistochemistry (Frozen sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in frozen section of rat intestine tissue. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

CTBP2 was detected in paraffin-embedded section of human mammary cancer tissues. Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins. The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1µg/ml ab190933 overnight at 4°C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using Streptavidin-Biotin-Complex with DAB as the chromogen.

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

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