




Anti-CTBP2 antibody - C-terminal ab190933

7 图像

概述

产品名称	Anti-CTBP2抗体- C-terminal
描述	兔多克隆抗体to CTBP2 - C-terminal
宿主	Rabbit
经测试应用	适用于: IHC-Fr, WB, IHC-P, ICC
种属反应性	与反应: Mouse, Rat, Human 预测可用于: Cow 
免疫原	Synthetic peptide corresponding to Human CTBP2 aa 400 to the C-terminus (C terminal). Database link: P56545
	 Run BLAST with  Run BLAST with
常规说明	<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>

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	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Sodium phosphate
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

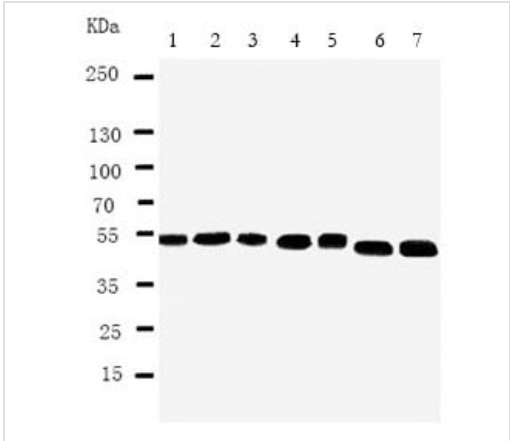
Abpromise™承诺保证使用ab190933于以下的经测试应用

“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
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.

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

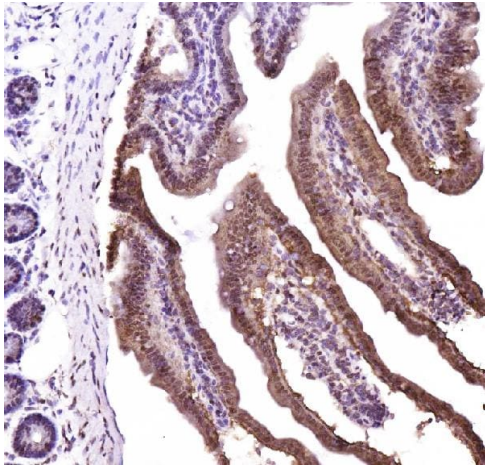


Western blot - Anti-CTBP2 antibody - C-terminal (ab190933)

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

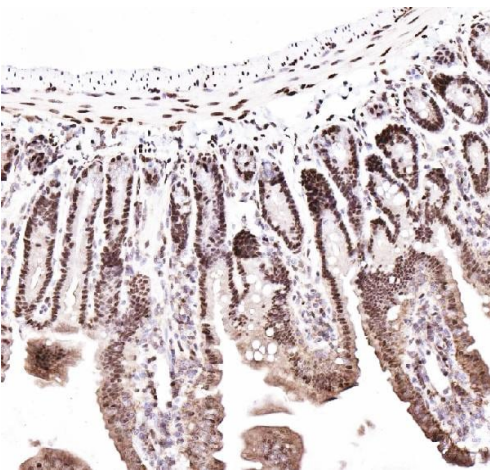
Lane 1 : Rat brain tissue lysate
Lane 2 : Rat spleen tissue lysate
Lane 3 : HeLa cell lysate
Lane 4 : 293T cell lysate
Lane 5 : COLO320 cell lysate
Lane 6 : U87 cell lysate
Lane 7 : SW620 cell lysate

Predicted band size: 49 kDa



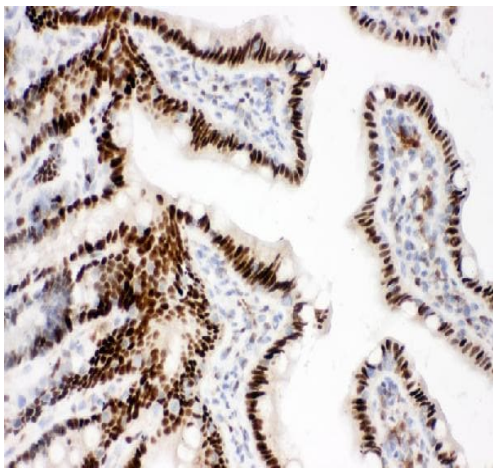
Immunohistochemistry (Frozen sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

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 μ 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.



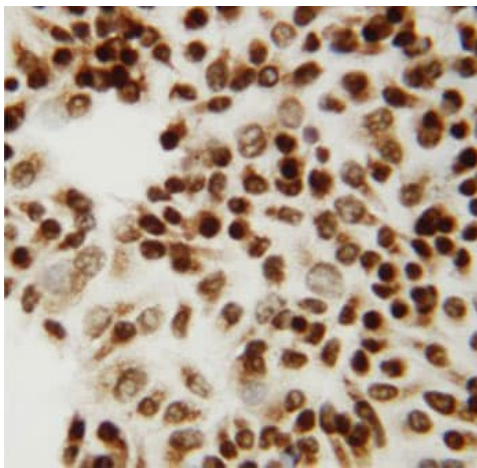
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

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 μ 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.



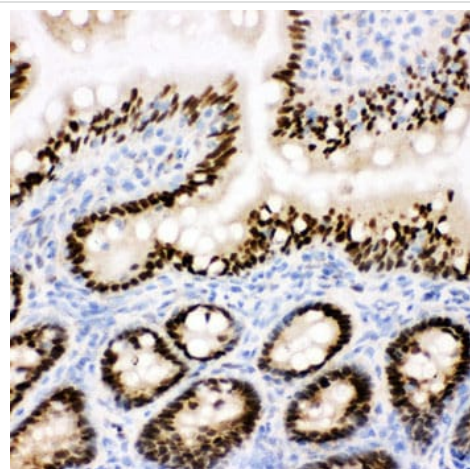
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTBP2 antibody - C-terminal (ab190933)

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.



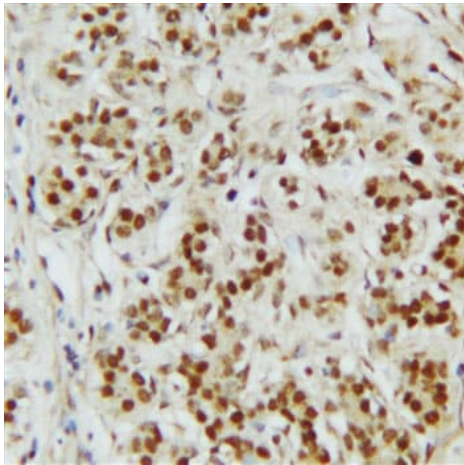
Immunocytochemistry - Anti-CTBP2 antibody - C-terminal (ab190933)

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 1 µg/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.

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