

CTBP2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12902a**Specification**

CTBP2 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	P56545
Other Accession	Q9W758 , Q9EQH5 , P56546 , Q0VCO1 , NP_073713.2 , NP_001320.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat, Xenopus
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	48945
Antigen Region	1-30

CTBP2 Antibody (N-term) - Additional Information**Gene ID** 1488**Other Names**

C-terminal-binding protein 2, CtBP2, CTBP2

Target/Specificity

This CTBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CTBP2.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CTBP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CTBP2 Antibody (N-term) - Protein Information

Name CTBP2

Function Corepressor targeting diverse transcription regulators. Functions in brown adipose tissue (BAT) differentiation (By similarity).

Cellular Location

Nucleus. Synapse.

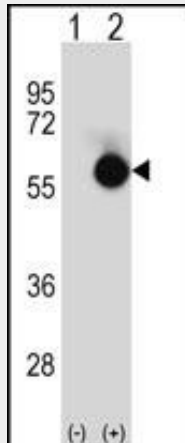
Tissue Location

Ubiquitous. Highest levels in heart, skeletal muscle, and pancreas

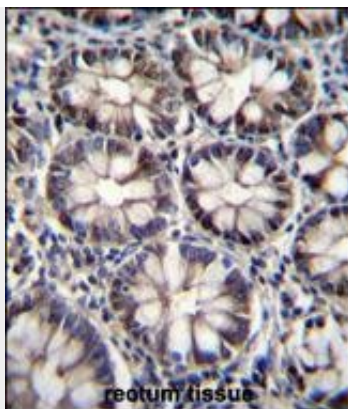
CTBP2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTBP2 Antibody (N-term) - Images

Western blot analysis of CTBP2 (arrow) using rabbit polyclonal CTBP2 Antibody (N-term) (Cat. #AP12902a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CTBP2 gene.



CTBP2 Antibody (N-term) (Cat. #AP12902a) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CTBP2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

CTBP2 Antibody (N-term) - Background

This gene produces alternative transcripts encoding two distinct proteins. One protein is a transcriptional repressor, while the other isoform is a major component of specialized synapses known as synaptic ribbons. Both proteins contain a NAD⁺ binding domain similar to NAD⁺-dependent 2-hydroxyacid dehydrogenases. A portion of the 3' untranslated region was used to map this gene to chromosome 21q21.3; however, it was noted that similar loci elsewhere in the genome are likely. Blast analysis shows that this gene is present on chromosome 10. [provided by RefSeq].

CTBP2 Antibody (N-term) - References

Bao, B.Y., et al. Clin. Chim. Acta 411 (17-18), 1232-1237 (2010) :
Liu, H., et al. Prostate (2010) In press :
Kim, S.T., et al. Prostate (2010) In press :
Gallagher, D.J., et al. Clin. Cancer Res. 16(10):2819-2832(2010)
Kitamura, F., et al. Int. Arch. Allergy Immunol. 152 SUPPL 1, 18-21 (2010) :