

**CTBP2 Antibody (N-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP12902a**Specification****CTBP2 Antibody (N-term) Blocking peptide - Product Information**Primary Accession [P56545](#)**CTBP2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 1488**Other Names**

C-terminal-binding protein 2, CtBP2, CTBP2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CTBP2 Antibody (N-term) Blocking peptide - Protein Information****Name** CTBP2**Function**

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

**Cellular Location**

Nucleus. Cell junction, synapse

**Tissue Location**

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

**CTBP2 Antibody (N-term) Blocking peptide - 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<sup>+</sup> binding domain similar to NAD<sup>+</sup>-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) Blocking peptide - 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) :

**CTBP2 Antibody (N-term) Blocking peptide  
- Protocols**

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

- [Blocking Peptides](#)