

**CTBP1 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16004b**

**Specification**

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**CTBP1 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [Q13363](#)

**CTBP1 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 1487

**Other Names**

C-terminal-binding protein 1, CtBP1, 111-, CTBP1, CTBP

**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.

**CTBP1 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** CTBP1

**Synonyms** CTBP

**Function**

Corepressor targeting diverse transcription regulators such as GLIS2 or BCL6. Has dehydrogenase activity. Involved in controlling the equilibrium between tubular and stacked structures in the Golgi complex. Functions in brown adipose tissue (BAT) differentiation.

**Cellular Location**

Cytoplasm. Nucleus

**Tissue Location**

Expressed in germinal center B-cells.

**CTBP1 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CTBP1 Antibody (C-term) Blocking Peptide - Images**

#### **CTBP1 Antibody (C-term) Blocking Peptide - Background**

This gene encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This phosphoprotein is a transcriptional repressor and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. Both proteins can also interact with a polycomb group protein complex which participates in regulation of gene expression during development. Alternative splicing of transcripts from this gene results in multiple transcript variants.

#### **CTBP1 Antibody (C-term) Blocking Peptide - References**

Roukens, M.G., et al. Nat. Cell Biol. 12(10):933-942(2010) Choi, H.J., et al. Biochem. Biophys. Res. Commun. 400(3):396-402(2010) Merrill, J.C., et al. J. Mol. Biol. 398(5):657-671(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)