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CTBP1 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10926b

Specification

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-terminusof adenovirus E1A proteins. This phosphoprotein is atranscriptional repressor and may play a role during cellularproliferation. This protein and the product of a second closelyrelated gene, CTBP2, can dimerize. Both proteins can also interactwith a polycomb group protein complex which participates inregulation of gene expression during development. Alternativesplicing of transcripts from this gene results in multipletranscript 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)