

CTBP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16004b

Specification

CTBP1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q13363
Other Accession	NP_001319.1 , NP_001012632.1
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47535
Antigen Region	413-440

CTBP1 Antibody (C-term) - Additional Information

Gene ID 1487

Other Names

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

Target/Specificity

This CTBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 413-440 amino acids from the C-terminal region of human CTBP1.

Dilution

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

CTBP1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CTBP1 Antibody (C-term) - 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

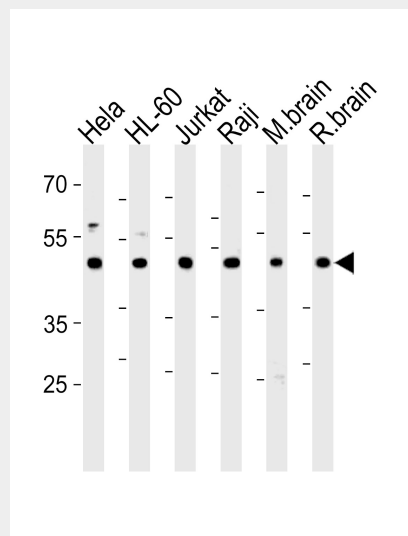
Expressed in germinal center B-cells.

CTBP1 Antibody (C-term) - 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](#)

CTBP1 Antibody (C-term) - Images



CTBP1 Antibody (C-term) (Cat. #AP16004b) western blot analysis in HeLa,HL-60,Jurkat,Raji cell line and mouse brain,rat brain tissue lysates (35ug/lane).This demonstrates the CTBP1 antibody detected the CTBP1 protein (arrow).

CTBP1 Antibody (C-term) - 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) - 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)