

CTBP1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10926b

Specification

CTBP1 Antibody (C-term) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB,E |
| Primary Accession | O13363 |
| Other Accession | NP_001319.1 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 47535 |
| Antigen Region | 409-438 |

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 409-438 amino acids from the C-terminal region of human CTBP1.

Dilution

WB~~1:2000

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

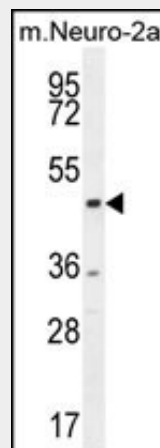
Expressed in germinal center B-cells.

CTBP1 Antibody (C-term) - Protocols

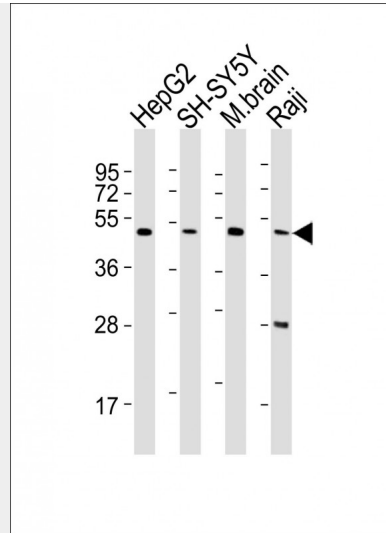
Provided below are standard protocols that you may find useful for product applications.

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

CTBP1 Antibody (C-term) - Images



CTBP1 Antibody (C-term) (Cat. #AP10926b) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane). This demonstrates the CTBP1 antibody detected the CTBP1 protein (arrow).



All lanes : Anti-CTBP1 Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: SH-SY5Y whole cell lysates Lane 3: mouse brain lysates Lane 4: Raji whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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)