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Datasheet for ABIN654880

## anti-CTBP1 antibody (C-Term)

### 2 Images

#### Overview

Quantity:	400 µL
Target:	CTBP1
Binding Specificity:	AA 409-438, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTBP1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	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.
Clone:	RB28436
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Target Details

Target:	CTBP1
Alternative Name:	CTBP1 ( <a href="#">CTBP1 Products</a> )
Background:	This gene encodes a protein that binds to the C-terminus of adenovirus E1A proteins. This

## Target Details

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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.

Molecular Weight:	47535
Gene ID:	1487
NCBI Accession:	<a href="#">NP_001012632, NP_001319</a>
UniProt:	<a href="#">Q13363</a>
Pathways:	<a href="#">Retinoic Acid Receptor Signaling Pathway</a>

## Application Details

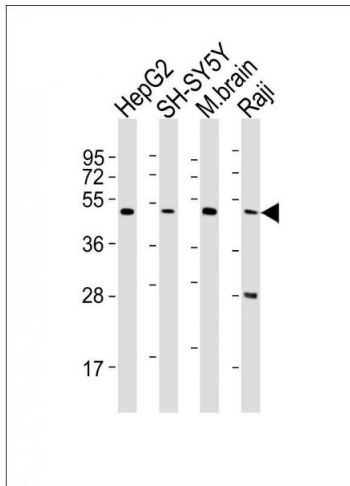
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Application Notes:	WB: 1:1000. WB: 1:2000
Restrictions:	For Research Use only

## Handling

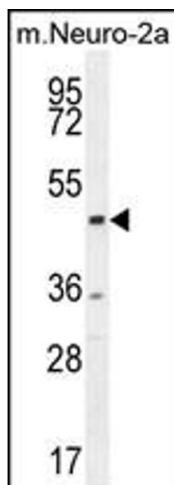
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Western Blotting

**Image 1.** 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 % NFDN/TBST.



### Western Blotting

**Image 2.** CTBP1 Antibody (C-term) (ABIN654880 and ABIN2844534) western blot analysis in mouse Neuro-2a cell line lysates (35 µg/lane). This demonstrates the CTBP1 antibody detected the CTBP1 protein (arrow).