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# Datasheet for ABIN6261076 anti-CTBP1 antibody (Internal Region)

3 Images



### Overview

Quantity:	100 μL
Target:	CTBP1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human CtBP1, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	CtBP1 Antibody detects endogenous levels of total CtBP1.
Predicted Reactivity:	Pig,Bovine,Horse,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

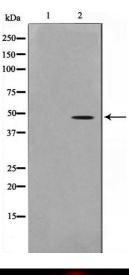
## Target Details

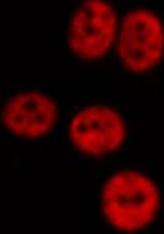
Target:	CTBP1	
	Order at www.antibodies-online.com   www.antikoerper-online.de   www.anticorps-enligne.fr   www.antibodies-online.cn International: +49 (0)241 95 163 153   USA & Canada: +1 877 302 8632   support@antibodies-online.com	

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Target Details	
Alternative Name:	CTBP1 (CTBP1 Products)
Background:	Description: 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. Gene: CTBP1
Molecular Weight:	48kDa
Gene ID:	1487
UniProt:	Q13363
Pathways:	Retinoic Acid Receptor Signaling Pathway
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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### Western Blotting

Image 1. Western blot analysis on Jurkat cell lysate using CtBP1 Antibody

### Immunofluorescence (fixed cells)

**Image 2.** ABIN6267012 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

### Immunohistochemistry

**Image 3.** ABIN6267012 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.