

Product Datasheet

CTBP1 Antibody (C-term) (orb1788395)

Catalog Number	orb1788395
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	CTBP1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Form/Appearance	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.
Immunogen	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. Antigen Region: 413-440 aa.
UniProt ID	Q13363
MW	47535 Da
Tested applications	IF, WB
Dilution range	IF: 1:10~50, IF: 1:10~50, WB: 1:1000, WB: 1:2000
Antibody Type	Primary Antibody

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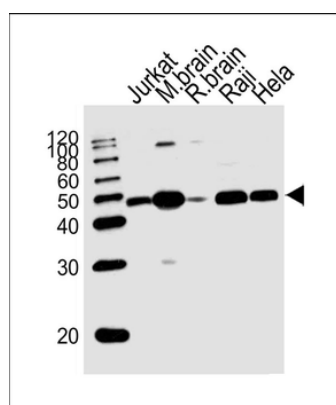
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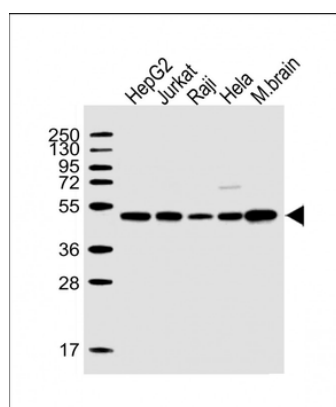
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_001012632.1 , NP_001319.1
Expiration Date	12 months from date of receipt.



Western blot analysis of lysates from Jurkat cell line, mouse brain, rat brain tissue lysate, Raji, HeLa cell line (from left to right), using CTBP1 Antibody (C-term). Diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.



All lanes: Anti-CTBP1 Antibody (C-term) at 1:2000 dilution. Lane 1: HepG2 whole cell lysate. Lane 2: Jurkat whole cell lysate. Lane 3: Raji whole cell lysate. Lane 4: HeLa whole cell lysate. Lane 5: mouse brain lysate. 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.

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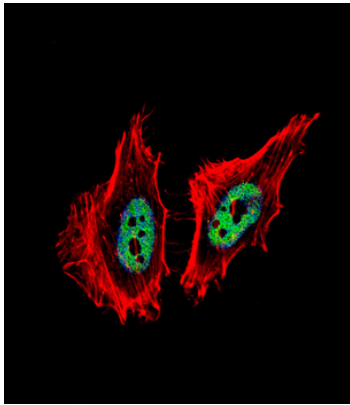
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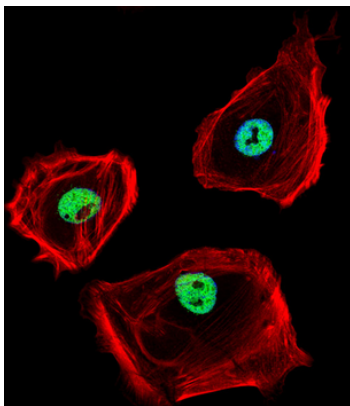
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Fluorescent confocal image of HeLa cell stained with CTBP1 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CTBP1 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). CTBP1 immunoreactivity is localized to nucleus significantly.



Fluorescent confocal image of SK-BR-3 cell stained with CTBP1 Antibody (C-term). SK-BR-3 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CTBP1 primary antibody (1:25, 1 h at 37°C). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37°C). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37°C). Nuclei were counterstained with DAPI (blue) (10 µg/ml, 10 min). CTBP1 immunoreactivity is localized to nucleus significantly.

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