

Rabbit CTBP1 Polyclonal Antibody | anti-CTBP1 antibody

CTBP1 Antibody (C-term)

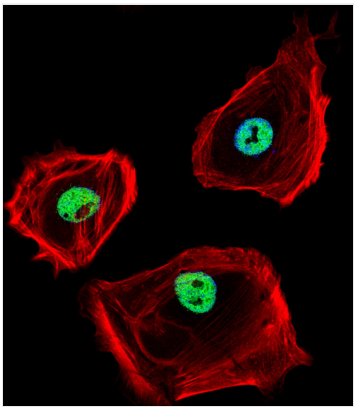
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283660	Rabbit	Human, mouse, rat	Western Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

CTBP1; Polyclonal Antibody; CTBP1 Antibody (C-term); C-terminal-binding protein 1; CtBP1; 111-; CTBP; anti-CTBP1 antibody

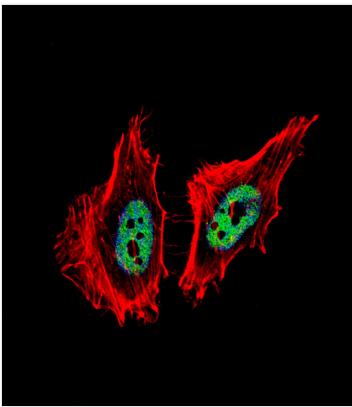
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	413-440
Sequence Length	429
Applicable Applications for anti-CTBP1 antibody	WB (Western Blot), ELISA, IF (Immunofluorescence)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



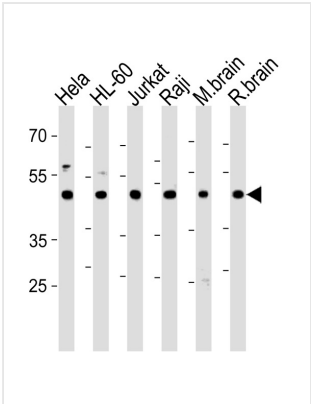
IF (Immunofluorescence)

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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min).CTBP1 immunoreactivity is localized to nucleus significantly.



IF (Immunofluorescence)

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 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min).CTBP1 immunoreactivity is localized to nucleus significantly.



WB (Western Blot)

CTBP1 Antibody (C-term) 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).

ADDITIONAL INFORMATION

Related Product Information for anti-CTBP1 antibody	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.
Product Categories/Family for anti-CTBP1 antibody	Crown Antibodies; Cancer; Cell Biology; Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743967
NCBI GeneID	1487
NCBI Accession #	NP_001012632.1; NP_001319.1
NCBI GenBank Nucleotide #	NM_001012614.1
UniProt Accession #	Q13363; Q4W5N3; Q7Z2Q5
Molecular Weight	47535
NCBI Official Full Name	C-terminal-binding protein 1 isoform 2
NCBI Official Synonym Full Names	C-terminal binding protein 1
NCBI Official Symbol	CTBP1
NCBI Official Synonym Symbols	BARS
NCBI Protein Information	C-terminal-binding protein 1
UniProt Protein Name	C-terminal-binding protein 1
UniProt Gene Name	CTBP1
UniProt Synonym Gene Names	CTBP; CtBP1
UniProt Entry Name	CTBP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctbp1-antibody-western-blot-immunofluorescence-elisa/283660>