

Rabbit CtBP1 Polyclonal Antibody | anti-CTBP1 antibody

Anti-CtBP1 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45077	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

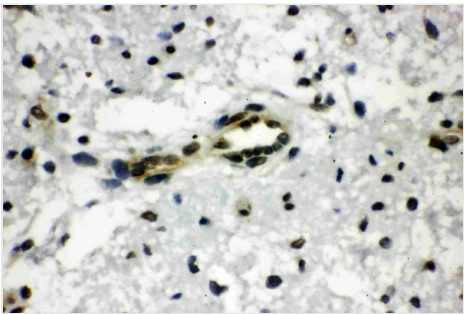
PRODUCT SYNONYMS

CtBP1; Polyclonal Antibody; Anti-CtBP1 antibody; C-terminal-binding protein 1(CtBP1); C-terminal binding protein 1; BARS antibody; brefeldin A- ribosylated substrate antibody; C terminal binding protein 1 antibody; C-terminal-binding protein 1 antibody; CTBP antibody; CtBP1 antibody; Ctbp1 antibody; CTBP1_HUMAN antibody; MGC104684 antibody; anti-CTBP1 antibody

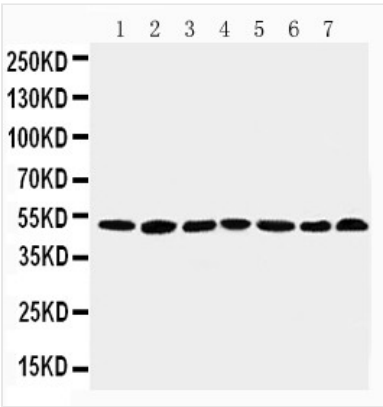
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	440
Applicable Applications for anti-CTBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CtBP1 (425-440aa QTVKPEADRDHASDQL), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-CTBP1 antibody, AAA45077, IHC(P)IHC(P): Rat Brain Tissue



WB (Western Blot)
Anti-CTBP1 antibody, AAA45077, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Testis Tissue LysateLane 3: Rat Ovary Tissue LysateLane 4: U87 Cell LysateLane 5: SW620 Cell LysateLane 6: HT1080 Cell LysateLane 7: COLO32 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CTBP1 antibody	Description: Rabbit IgG polyclonal antibody for C-terminal-binding protein 1(CTBP1) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: CTBP1, C-terminal-binding protein 1, is a protein that in humans is encoded by the CTBP1 gene. The CtBP1 protein binds to the C-terminus of adenovirus E1A proteins. This gene is mapped to 4p16. This phosphoprotein is a transcriptional repressor(corepressor) and may play a role during cellular proliferation. This protein and the product of a second closely related gene, CTBP2, can dimerize. CtBP1 and CtBP2 preferentially associate with the E1A via a 5 amino acid motif, PLDLS, to repress E1A induced oncogenesis and cellular transformation. CtBP1 is expressed from embryo to adult, but CtBP2 is mainly expressed during embryogenesis. During skeletal and T cell development, CtBP1 and CtBP2 associate with the PLDLSL domain of delta EF1, a cellular zinc finger-homeodomain protein, and thereby enhances delta EF1-induced transcriptional silencing. In addition, CtBP complexes with CtIP, a 125 kDa protein that recognizes distinctly different protein motifs from CtBP. CtIP binds to the BRCT repeats within the breast cancer gene BRCA1 and enables CtBP to influence BRCA1 activity. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6014741
NCBI GeneID	1487
UniProt Accession #	Q13363; Q4W5N3; Q7Z2Q5
Molecular Weight	46,405 Da
NCBI Official Full Name	C-terminal-binding protein 1
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; brefeldin A-ribosylated substrate
UniProt Protein Name	C-terminal-binding protein 1
UniProt Gene Name	CTBP1
UniProt Synonym Gene Names	CTBP; CtBP1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctbp1-antibody-immunohistochemistry-western-blot-elisa/45077>