

Rabbit anti-Human, Mouse CTBP2 Polyclonal Antibody | anti-CTBP2 antibody

CTBP2 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60001	Rabbit	Human, Mouse	Western Blot, Chromatin Immunoprecipitation, Immunoprecipitation, Chromatin Immunoprecipitation, Immunoprecipitation

PRODUCT SYNONYMS

CTBP2; Polyclonal Antibody; CTBP2 antibody (pAb); anti-CTBP2 antibody

PRODUCT SPECIFICATIONS

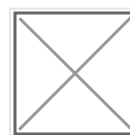
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-CTBP2 antibody	WB (Western Blot), ChIP (Chromatin immunoprecipitation), ChIP (Chromatin immunoprecipitation)
Immunogen	This CTBP2 antibody was raised against a peptide in the C-terminal region of human CTBP2. This antibody recognizes both isoform 1 and 2.
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



WB (Western Blot)

CTBP2 antibody (pAb) tested by Western blot Nuclear extract of HeLa cells (10 ug) probed with CTBP2 antibody (1:1000).



ChIP (Chromatin Immunoprecipitation)

CTBP2 antibody (pAb) tested by ChIP-Seq. ChIP was performed using the ChIP-IT High Sensitivity Kit with 30 ug of chromatin from mouse liver and 10 ul of antibody. ChIP DNA was sequenced on the Illumina HiSeq and 15 million sequence tags were mapped to identify CTBP2 binding sites. The image shows binding across a regions of chromosome 11. You can view the complete data set in the UCSC Genome Browser

ADDITIONAL INFORMATION

Related Product Information for anti-CTBP2 antibody

Short Description: Our CTBP2 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Chromatin Immunoprecipitation, ChIP-Seq and Western blot; it has been shown to react with Human and Mouse samples.

Background: The CTBP2 (C-terminal binding protein 2) gene encodes a protein that is a corepressor targeting diverse transcription regulators. It functions in brown adipose tissue (BAT) differentiation. Isoform 2 probably acts as a scaffold for specialized synapses. Isoform 2 is also phosphorylated upon DNA damage, probably by ATM or ATR at Thr179; Ser181 and Ser185. Phosphorylation by HIPK2 on Ser428 induces proteasomal degradation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	145580578
NCBI GeneID	1488
NCBI Accession #	NP_001077383; AB_2793573
NCBI GenBank Nucleotide #	NM_001083914
UniProt Accession #	P56545; O43449; Q5SQP7; Q69Y13; Q86SV0; Q9H2T8; A8K2X5; D3DRF5
Molecular Weight	106,187 Da
NCBI Official Full Name	C-terminal-binding protein 2 isoform 1
NCBI Official Synonym Full Names	C-terminal binding protein 2
NCBI Official Symbol	CTBP2
NCBI Protein Information	C-terminal-binding protein 2; ribeye
UniProt Protein Name	C-terminal-binding protein 2
UniProt Gene Name	CTBP2
UniProt Synonym Gene Names	CtBP2
UniProt Entry Name	CTBP2_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/ctbp2-antibody-western-blot-chromatin-immunoprecipitation-chromatin-immunoprecipitation-elisa/60001>