

Rabbit CtBP1 Polyclonal Antibody | anti-CtBP1 antibody

CtBP1 (Phospho-Ser422) Antibody

CATALOG # AAA304712	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

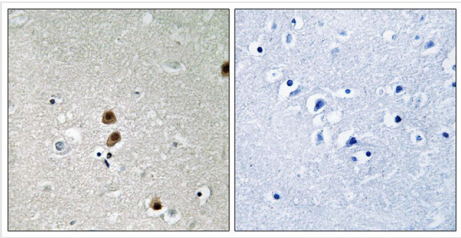
PRODUCT SYNONYMS

CtBP1; Polyclonal Antibody; CtBP1 (Phospho-Ser422) Antibody; CTBP; C-terminal binding protein 1; EC 1.1.1; anti-CtBP1 antibody

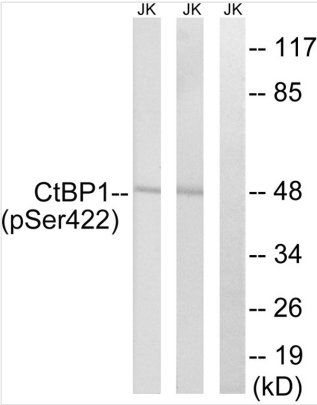
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of CtBP1 only when phosphorylated at serine 422.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	429
Applicable Applications for anti-CtBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 422(A-P-S(p)-P-G) derived from Human CtBP1.
Modification	Phospho-Ser422
Target Name	CtBP1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human brain tissue, using CtBP1 (Phospho-Ser422) antibody (left) or the same antibody preincubated with blocking peptide (right).



WB (Western Blot)
Western blot analysis of extracts from Jurkat cells treated with TNF using CtBP1 (Phospho-Ser422) Antibody. The lane on the right is treated with the antigen-specific peptide.

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. Schaeper U., Proc. Natl. Acad. Sci. U.S.A. 92:10467-10471(1995). Sewalt R.G.A.B., Mol. Cell. Biol. 19:777-787(1999). The MGC Project Team, Genome Res. 14:2121-2127(2004).
Product Categories/Family for anti-CtBP1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	61743967
NCBI GeneID	1487
NCBI Accession #	NP_001012632.1
NCBI GenBank Nucleotide #	NM_001012614.1
UniProt Accession #	Q13363; Q4W5N3; Q7Z2Q5
Molecular Weight	46,405 Da
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-immunohistochemistry-western-blot-elisa/304712>