

CtBP1 Antibody | anti-CtBP1 antibody

CtBP1 (Phospho-Ser422) Antibody

CATALOG # AAA109722	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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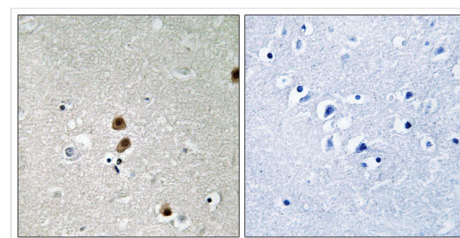
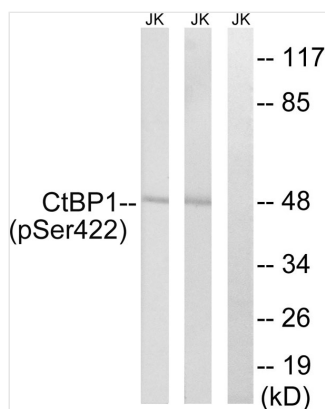
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CtBP1 (Phospho-Ser422) antibody detects endogenous levels of CtBP1 only when phosphorylated at serine 422.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	429
Applicable Applications for anti-CtBP1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CtBP1 around the phosphorylation site of serine 422 (A-P-SP-P-G).
All Sites	Human: Ser422 Mouse: Ser423 Rat: Ser412
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using CtBP1 (Phospho-Ser422) antibody. Western blot analysis of extracts from Jurkat cells, treated with TNF (20ng/ml, 30mins), using CtBP1 (Phospho-Ser422) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CtBP1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

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; HADDTS
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

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/human-mouse-rat-antibody/ctbp1/109722>