

Product datasheet for **AP03000PU-N**

CTBP1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IP, WB
Recommended Dilution:	Immunoprecipitation. Western Blotting (Reducing conditions). Immunocytochemistry (1 µg/ml): acetone/methanol fixation.
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Bacterially expressed recombinant human CtBP1.
Specificity:	The polyclonal antibody reacts with CtBP1, a 49 kDa transcriptional corepressor, that plays a critical role in regulating gene expression.
Formulation:	PBS, pH 7.4 with 15 mM sodium azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction (> 95% pure by SDS-PAGE).
Concentration:	lot specific
Purification:	Protein-A affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	Homo sapiens C-terminal binding protein 1 (CTBP1), transcript variant 1
Database Link:	Entrez Gene 13016 Mouse Entrez Gene 1487 Human Q13363



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Background:	C-terminal binding protein 1 / brefeldin A (BFA)-dependent ADP-ribosylation substrate (CtBP1/BARS) is a highly conserved transcriptional corepressor, that plays a critical role in regulating gene expression patterns throughout development and in oncogenesis. CtBP regulates target gene transcription, in part, via recruitment of histone deacetylases involved in gene silencing and may act to coordinate histone modifications that regulate gene expression.
Synonyms:	C-terminal-binding protein 1, CTBP
Protein Pathways:	Chronic myeloid leukemia, Notch signaling pathway, Pathways in cancer, Wnt signaling pathway