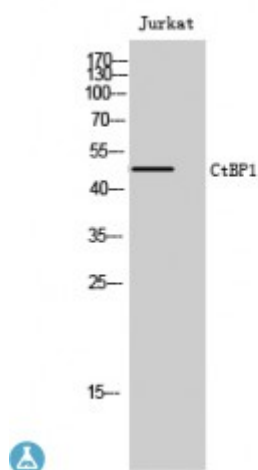


Anti-CtBP1 antibody



Description	Rabbit polyclonal to CtBP1.
Model	STJ92513
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human CtBP1 around the non-phosphorylation site of S422.
Immunogen Region	360-440 aa
Gene ID	1487
Gene Symbol	CTBP1
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	CtBP1 Polyclonal Antibody detects endogenous levels of CtBP1 protein.
Tissue Specificity	Expressed in germinal center B-cells.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	C-terminal-binding protein 1 CtBP1
Molecular Weight	48 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2494OMIM:602618
Alternative Names	C-terminal-binding protein 1 CtBP1
Function	Corepressor targeting diverse transcription regulators such as GLIS2 or BCL6. Has dehydrogenase activity. Involved in controlling the equilibrium between tubular and stacked structures in the Golgi complex. Functions in brown adipose tissue (BAT) differentiation.
Cellular Localization	Cytoplasm Nucleus
Post-translational Modifications	The level of phosphorylation appears to be regulated during the cell cycle. Phosphorylation by HIPK2 on Ser-422 induces proteasomal degradation. ADP-ribosylated; when cells are exposed to brefeldin A. Sumoylation on Lys-428 is promoted by the E3 SUMO-protein ligase CBX4.