For research purposes only, not for human use

Product Data Sheet

Anti-CNOT1 Antibody

Catalog #	Source	Reactivity	Applications
CQA4123	Rabbit	H, M	WB, IF/IC

Description	Rabbit polyclonal antibody to CNOT1
Immunogen	Recombinant fusion protein of human CNOT1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CNOT1 protein
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)
Gene Symbol	CNOT1
Alternative Names	CDC39; KIAA1007; NOT1; CCR4-NOT transcription complex subunit 1; CCR4-associated factor 1; Negative regulator of transcription subunit 1 homolog; NOT1H; hNOT1
Entrez Gene	23019 (Human); 234594 (Mouse)
SwissProt	A5YKK6 (Human); Q6ZQ08 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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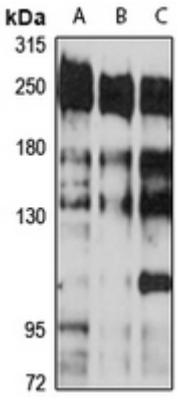
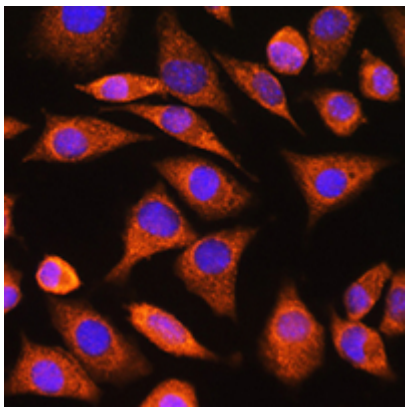


Western blot analysis of CNOT1 expression in A549 (A), HeLa (B), mouse brain (C) whole cell lysates. (Predicted band size: 173; 241; 266 kD; Observed band size: 267 kD)



Immunofluorescent analysis of CNOT1 staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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