For research purposes only, not for human use

Product Data Sheet

Anti-CNOT7 Antibody

Catalog #	Source	Reactivity	Applications
CPA5395	Rabbit	H, M, R, B, C, Mk	WB, IH

Description	Rabbit polyclonal antibody to CNOT7
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CNOT7. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of CNOT7 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), IH (1/50 - 1/200)
Gene Symbol	CNOT7
Alternative Names	CAF1; CCR4-NOT transcription complex subunit 7; BTG1-binding factor 1; CCR4-associated factor 1; CAF-1; Caf1a
Entrez Gene	29883 (Human); 18983 (Mouse)
SwissProt	Q9UIV1 (Human); Q60809 (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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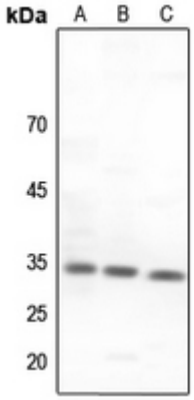
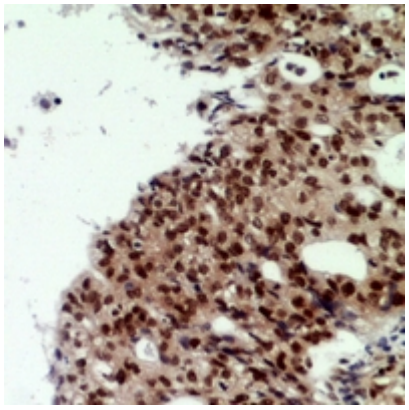


Western blot analysis of CNOT7 expression in HEK293T (A), mouse brain (B), rat spleen (C) whole cell lysates. (Predicted band size: 32 kD; Observed band size: 33 kD)



Immunohistochemical analysis of CNOT7 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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