

Rabbit CNOT8 Polyclonal Antibody | anti-CNOT8 antibody

CNOT8 Antibody (C-term)

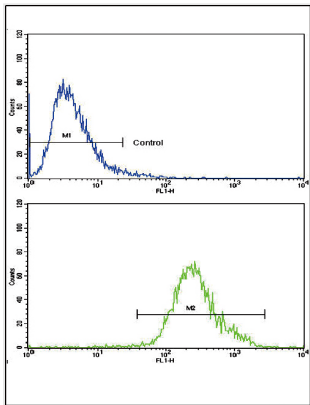
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283896	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

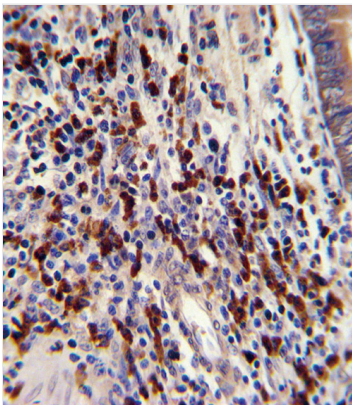
CNOT8; Polyclonal Antibody; CNOT8 Antibody (C-term); CCR4-NOT transcription complex subunit 8; CAF1-like protein; CALIFp; CAF2; CCR4-associated factor 8; Caf1b; CALIF; POP2; anti-CNOT8 antibody

PRODUCT SPECIFICATIONS

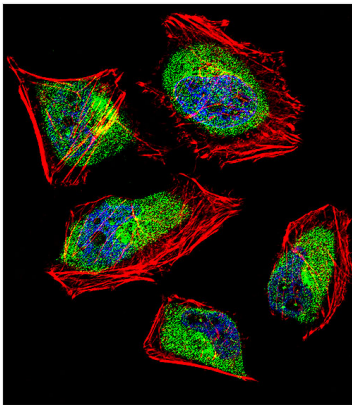
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNOT8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 227-255 amino acids from the C-terminal region of human CNOT8.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.406 (varies by lot)
Sequence Positions	227-255
Sequence Length	238
Applicable Applications for anti-CNOT8 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



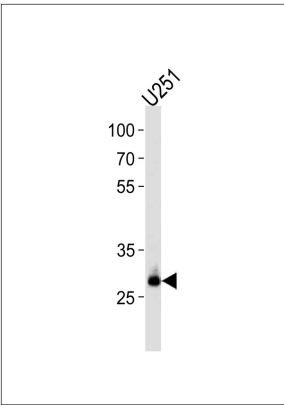
FCM/FACS (Flow Cytometry)
Flow cytometric analysis of CEM cells using CNOT8 Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human colon carcinoma with CNOT8 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cells stained with CNOT8 Antibody (C-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CNOT8 primary antibody (1:25, 1 h at 37 degree). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 degree). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml, 1 h at 37 degree). Nuclei were counterstained with DAPI (blue) (10 ug/ml, 10 min). CNOT8 immunoreactivity is localized to Cytoplasm significantly and Nucleus weakly.



WB (Western Blot)
CNOT8 Antibody (C-term) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the CNOT8 antibody detected the CNOT8 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT8 antibody	Ubiquitous transcription factor required for a diverse set of processes. The CCR4-NOT complex functions as general transcription regulation complex.
Product Categories/Family for anti-CNOT8 antibody	Crown Antibodies
References	Morel,A.P., J. Cell. Sci. 116 (PT 14), 2929-2936 (2003) Prevot,D., J. Biol. Chem. 276 (13), 9640-9648 (2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542315
NCBI GeneID	9337
NCBI Accession #	NP_004770.4

NCBI GenBank Nucleotide #	NM_004779.5
UniProt Accession #	Q9UFF9; O95709; Q7Z521; Q9H6Y1; B0AZS3; B2RAR8; B7Z8R1; D3DQI8
Molecular Weight	33540
NCBI Official Full Name	CCR4-NOT transcription complex subunit 8 isoform 1
NCBI Official Synonym Full Names	CCR4-NOT transcription complex, subunit 8
NCBI Official Symbol	CNOT8
NCBI Official Synonym Symbols	CAF1; POP2; CALIF; Caf1b; hCAF1
NCBI Protein Information	CCR4-NOT transcription complex subunit 8
UniProt Protein Name	CCR4-NOT transcription complex subunit 8
UniProt Gene Name	CNOT8
UniProt Synonym Gene Names	CALIF; POP2; CALIFp
UniProt Entry Name	CNOT8_HUMAN

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/polyclonal/cnot8-antibody-western-blot-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/283896>