

Rabbit CAF-1 Polyclonal Antibody | anti-CNOT7 antibody

CAF-1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284532	Rabbit	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Mouse, Xenopus)	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

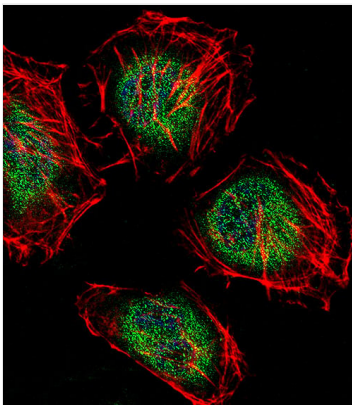
PRODUCT SYNONYMS

CAF-1; Polyclonal Antibody; CAF-1 Antibody (N-term); CCR4-NOT transcription complex subunit 7; BTG1-binding factor 1; CCR4-associated factor 1; Caf1a; CNOT7; CAF1; anti-CNOT7 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Chicken, Zebrafish, Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CAF-1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-61 amino acids from the N-terminal region of human CAF-1.
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: 0.31 (varies by lot)
Sequence Positions	34-61
Sequence Length	285
Applicable Applications for anti-CNOT7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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.

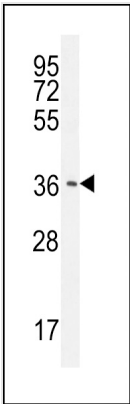
IMAGES



IF (Immunofluorescence)
Fluorescent confocal image of HeLa cell stained with CAF-1 Antibody (N-term). HeLa cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with CAF-1 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). CAF-1 immunoreactivity is localized to Cytoplasm and Nucleus significantly.



IHC (Immunohistochemistry)
CAF-1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of CAF-1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
CAF-1 Antibody (N-term) western blot analysis in HepG2 cell line lysates (35ug/lane). This demonstrates the CAF-1 antibody detected the CAF-1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT7 antibody	The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The protein has both mouse and yeast orthologs. Alternate splicing of this gene results in two transcript variants encoding different isoforms.
References	Lau, N.C., et al. Biochem. J. 422(3):443-453(2009) Aslam, A., et al. Mol. Biol. Cell 20(17):3840-3850(2009) Miyasaka, T., et al. Cancer Sci. 99(4):755-761(2008) Nishida, K., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 63 (PT 12), 1061-1063 (2007) : Robin-Lespinasse, Y., et al. J. Cell. Sci. 120 (PT 4), 638-647 (2007) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	85067507
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NCBI GeneID	29883
NCBI Accession #	NP_037486.2; NP_473367.2
NCBI GenBank Nucleotide #	NM_013354.5
UniProt Accession #	Q9UIV1; Q7Z530; A8MZM5; B3KMP1; B3KN35; D3DSP6; G3V108
Molecular Weight	32745
NCBI Official Full Name	CCR4-NOT transcription complex subunit 7 isoform 1
NCBI Official Synonym Full Names	CCR4-NOT transcription complex, subunit 7
NCBI Official Symbol	CNOT7
NCBI Official Synonym Symbols	CAF1; Caf1a; hCAF-1
NCBI Protein Information	CCR4-NOT transcription complex subunit 7
UniProt Protein Name	CCR4-NOT transcription complex subunit 7
UniProt Gene Name	CNOT7
UniProt Synonym Gene Names	CAF1; CAF-1
UniProt Entry Name	CNOT7_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/caf-1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/284532>