

Datasheet for ABIN655064
anti-CNOT8 antibody (N-Term)



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3 Images

Overview

Quantity:	400 µL
Target:	CNOT8
Binding Specificity:	AA 34-61, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT8 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB18739
Isotype:	Ig Fraction
Predicted Reactivity:	B, C, Zf, M, X
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CNOT8
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Target Details

Alternative Name: CAF-1 ([CNOT8 Products](#))

Background: 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.

Molecular Weight: 32745

Gene ID: 29883

NCBI Accession: [NP_037486](#), [NP_473367](#)

UniProt: [Q9UIV1](#)

Application Details

Application Notes: IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

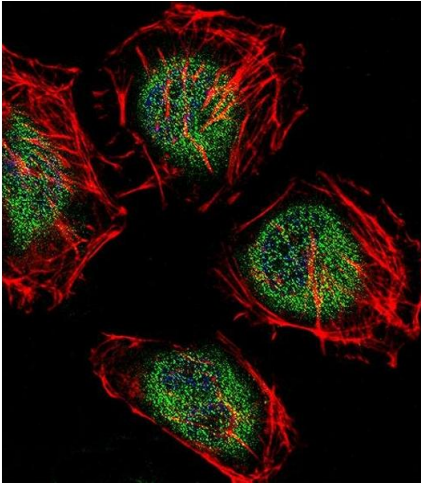
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

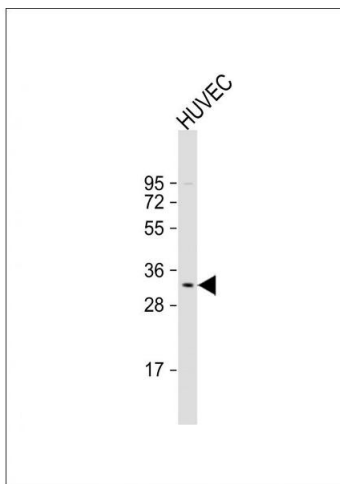
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



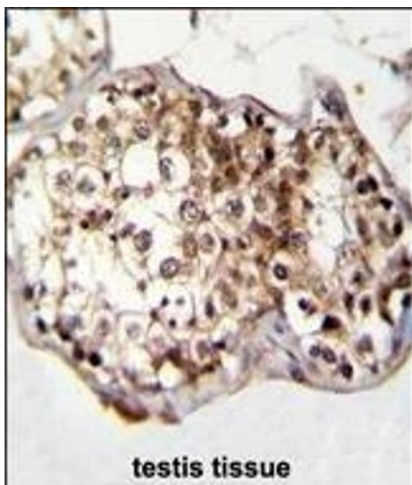
Immunofluorescence

Image 1. Fluorescent confocal image of HeLa cell stained with CAF-1 Antibody (N-term) (ABIN655064 and ABIN2844694). 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 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DAPI (blue) (10 µg/mL, 10 min). CAF-1 immunoreactivity is localized to Cytoplasm and Nucleus significantly.



Western Blotting

Image 2. Anti-CAF-1 Antibody (N-term) at 1:1000 dilution + HUVEC whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 33 kDa Blocking/Dilution buffer: 5 % NFD/MBST.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. CAF-1 Antibody (N-term) (ABIN655064 and ABIN2844694) 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.