

Rabbit CNOT7 Polyclonal Antibody | anti-CNOT7 antibody

CNOT7 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198433	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot, Immunohistochemistry

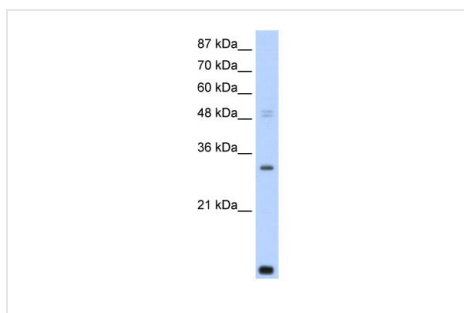
PRODUCT SYNONYMS

CNOT7; Polyclonal Antibody; CNOT7 antibody - N-terminal region; anti-CNOT7 antibody

PRODUCT SPECIFICATIONS

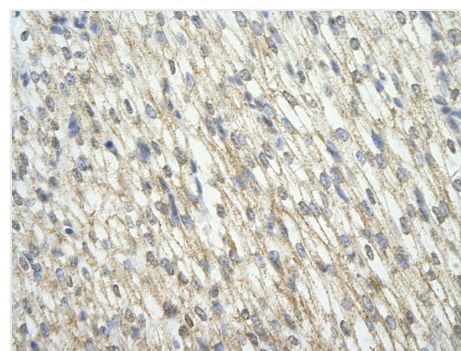
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TE FPGVVARPIG EFRSNADYQY QLLRCNVDLL KIIQLGLTFM NEQGEYPP
Sequence Length	262
Applicable Applications for anti-CNOT7 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 79%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CNOT7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-CNOT7 Antibody Titration: 0.2-1 ug/ml
Positive Control: HepG2 cell lysate
CNOT7 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-CNOT7 antibody
Paraffin Embedded Tissue: Human Heart
Cellular Data: cardiac cell
Antibody Concentration: 4.0-8.0 ug/ml
Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT7 antibody	This is a rabbit polyclonal antibody against CNOT7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: CNOT7 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. 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.
Product Categories/Family for anti-CNOT7 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Drugs and Drug Metabolism; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	85067507
NCBI GeneID	29883
NCBI Accession #	NP_037486
NCBI GenBank Nucleotide #	NM_013354
UniProt Accession #	Q9UIV1
Molecular Weight	30kDa
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; CAF-1; 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.