

Rabbit anti-Human, Mouse CNOT1 Polyclonal Antibody | anti-CNOT1 antibody

Rabbit anti-CNOT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213417	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CNOT1; Polyclonal Antibody; Rabbit anti-CNOT1 Antibody; Affinity Purified; CDC39; NOT1H; NOT1 (negative regulator of transcription 1; yeast) homolog; NOT1; hNOT1; CCR4-NOT transcription complex subunit 1; CCR4-associated factor 1; adrenal gland protein AD-005; AD-005; negative regulator of transcription subunit 1 homolog; anti-CNOT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-CNOT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Zebrafish, X. tropicalis
Immunogen	Between 1400 and 1450
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse CNOT1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, TCMK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-CNOT1 antibody (AAA213417 lot 2) used for WB at 0.04 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human CNOT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified Rabbit anti-CNOT1 antibody AAA213417 (lot AAA213417-2) used for IP at 100 ul per reaction. CNOT1 was also immunoprecipitated by a previous lot of this antibody (lot AAA213417). For blotting immunoprecipitated CNOT1, AAA213417 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT1 antibody	Scaffolding component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Its scaffolding function implies its interaction with the catalytic complex module and diverse RNA-binding proteins mediating the complex recruitment to selected mRNA 3'UTRs. Involved in degradation of AU-rich element (ARE)-containing mRNAs probably via association with ZFP36. Mediates the recruitment of the CCR4-NOT complex to miRNA targets and to the RISC complex via association with TNRC6A, TNRC6B or TNRC6C. Acts as a transcriptional repressor. Represses the ligand-dependent transcriptional activation by nuclear receptors. Involved in the maintenance of emryonic stem (ES) cell identity. [taken from NCBI Entrez Gene (Gene ID: 23019)]. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/A5YKK6].
Product Categories/Family for anti-CNOT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	23019
UniProt Accession #	A5YKK6
UniProt Protein Name	CCR4-NOT transcription complex subunit 1
UniProt Gene Name	CNOT1
UniProt Synonym Gene Names	CDC39; KIAA1007; NOT1; NOT1H; hNOT1
UniProt Entry Name	CNOT1_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/cnot1-antibody-immunoprecipitation-western-blot-elisa/213417>