

Rabbit anti-Human CNOT4 Polyclonal Antibody | anti-CNOT4 antibody

CNOT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287126	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

CNOT4; Polyclonal Antibody; CNOT4 Antibody; CCR4-NOT transcription complex subunit 4; 632-; CCR4-associated factor 4; E3 ubiquitin-protein ligase CNOT4; Potential transcriptional repressor NOT4Hp; NOT4; anti-CNOT4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CNOT4 antibody is generated from rabbits immunized with human CNOT4 recombinant protein.
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: 0.25 (varies by lot)
Sequence Length	713
Applicable Applications for anti-CNOT4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
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



FCM/FACS (Flow Cytometry)

CNOT4 Antibody flow cytometry analysis of MCF-7 cells (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 testis tissue reacted with CNOT4 Antibody, 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.



WB (Western Blot)

Western blot analysis of CNOT4 Antibody in MCF-7, K562, 293 cell line lysates (35ug/lane).
CNOT4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT4 antibody	CNOT4 has intrinsic E3 ubiquitin ligase activity. Binding of the CNOT4 RING finger to the ubiquitin-conjugating enzyme (E2) UbcH5B is highly selective. The CCR4-NOT complex functions as a global regulator of RNA polymerase II transcription.
Product Categories/Family for anti-CNOT4 antibody	Cell Biology
References	Albert T.K., Nucleic Acids Res. 28:809-817(2000). Albert T.K., EMBO J. 21:355-364(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56550059
NCBI GeneID	4850
NCBI Accession #	NP_001008226.1; NP_001177776.1; NP_001177777.1; NP_001177778.1; NP_001177779.1; NP_037448.2
NCBI GenBank Nucleotide #	NM_001008225.2
UniProt Accession #	O95628; O95339; O95627; Q8IYM7; Q8NCL0; Q9NPQ1; Q9NZN6; B7Z6I4; E7ET38; F8VQP3
Molecular Weight	63510
NCBI Official Full Name	CCR4-NOT transcription complex subunit 4 isoform b
NCBI Official Synonym Full Names	CCR4-NOT transcription complex, subunit 4
NCBI Official Symbol	CNOT4
NCBI Official Synonym Symbols	NOT4; NOT4H; CLONE243
NCBI Protein Information	CCR4-NOT transcription complex subunit 4
UniProt Protein Name	CCR4-NOT transcription complex subunit 4
UniProt Gene Name	CNOT4
UniProt Synonym Gene Names	NOT4
UniProt Entry Name	CNOT4_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/cnot4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287126>