

Rabbit CNOT4 Polyclonal Antibody | anti-CNOT4 antibody

CNOT4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324580	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

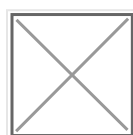
PRODUCT SYNONYMS

CNOT4; Polyclonal Antibody; CNOT4 Antibody; CCR4 NOT transcription complex subunit 4; CCR4-associated factor 4; CCR4-NOT transcription complex subunit 4; CLONE243; CNOT 4; Cnot4; CNOT4_HUMAN; E3 ubiquitin-protein ligase CNOT4; NOT 4; NOT4 (negative regulator of transcription 4 yeast) homolog; NOT4; NOT4H; Potential transcriptional repressor NOT4Hp; anti-CNOT4 antibody

PRODUCT SPECIFICATIONS

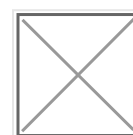
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	CNOT4 antibody detects endogenous levels of total CNOT4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	572
Applicable Applications for anti-CNOT4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells using CNOT4 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324580 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA324580 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT4 antibody	Function: Has E3 ubiquitin ligase activity. Involved in activation of the JAK/STAT pathway. Subunit Structure: Interacts with CNOT1 via its C-terminus but does not stably associate with the CCR4-NOT complex. Binds E2 ubiquitin ligases via its RING domain. Interacts (via RING domain) with UBE2D2. Post-translational Modifications: Autoubiquitinated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56550059
NCBI GeneID	4850
NCBI Accession #	NP_001008226.1
NCBI GenBank Nucleotide #	NM_001008225.2
UniProt Accession #	O95628; O95339; O95627; Q8IYM7; Q8NCL0; Q9NPQ1; Q9NZN6; B7Z6I4; E7ET38; F8VQP3
Molecular Weight	Observed: 64 kD Predicted: 64 kDa
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

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-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/324580>