

Rabbit CNOT3 Polyclonal Antibody | anti-CNOT3 antibody

CNOT3 Antibody

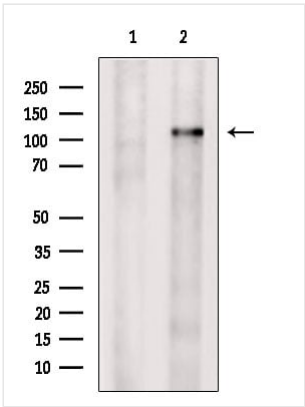
CATALOG # AAA328647	HOST Rabbit	REACTIVITY Human, Mouse, RatPredicted: Pig, Bovine, Horse, Rabbit, Dog, Xenopus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

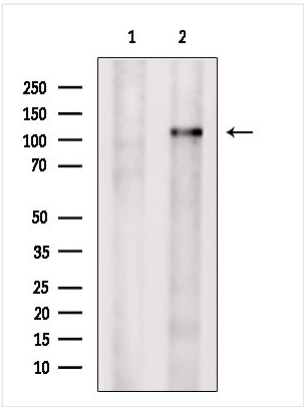
CNOT3; Polyclonal Antibody; CNOT3 Antibody; CCR4 associated factor 3; CCR4-associated factor 3; CCR4-NOT transcription complex subunit 3; CNOT3_HUMAN; KIAA0691; LENG2; Leukocyte receptor cluster member 2; negative regulator of transcription 3; S. cerevisiae; homolog of; NOT3 (negative regulator of transcription 3; yeast) homolog; NOT3; NOT3H; anti-CNOT3 antibody

PRODUCT SPECIFICATIONS

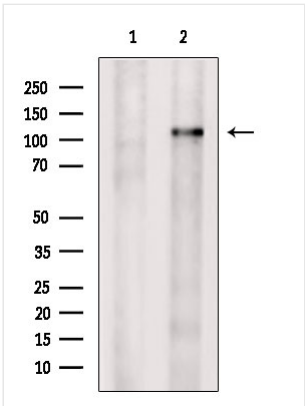
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Bovine, Horse, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	CNOT3 Antibody detects endogenous levels of CNOT3.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	753
Applicable Applications for anti-CNOT3 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human CNOT3.
Tissue Specificity	Ubiquitous. Highly expressed in brain, heart, thymus, spleen, kidney, liver, small intestine, lung and peripheral blood leukocytes.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from 293t, using CNOT3 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from HeLa cells, using CNOT3 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CNOT3 antibody	Description: 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. May be involved in metabolic regulation; may be involved in recruitment of the CCR4-NOT complex to deadenylation target mRNAs involved in energy metabolism. Involved in mitotic progression and regulation of the spindle assembly checkpoint by regulating the stability of MAD1L1 mRNA. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation; the repressive function may involve histone deacetylases. Involved in the maintenance of embryonic stem (ES) cell identity. Subunit Structure: Component of the CCR4-NOT complex; distinct complexes seem to exist that differ in the participation of probably mutually exclusive catalytic subunits. In the complex interacts directly with CNOT2. Interacts with TIP120B and NANOS2. Similarity: Belongs to the CNOT2/3/5 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46395626
NCBI GeneID	4849

UniProt Accession #	O75175
Molecular Weight	Observed: 120 kDa Predicted: 82 kDa
NCBI Official Full Name	CCR4-NOT transcription complex subunit 3
NCBI Official Synonym Full Names	CCR4-NOT transcription complex subunit 3
NCBI Official Symbol	CNOT3
NCBI Official Synonym Symbols	NOT3; LENG2; NOT3H
NCBI Protein Information	CCR4-NOT transcription complex subunit 3
UniProt Protein Name	CCR4-NOT transcription complex subunit 3
UniProt Gene Name	CNOT3
UniProt Synonym Gene Names	KIAA0691; LENG2; NOT3
UniProt Entry Name	CNOT3_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/cnot3-antibody-western-blot-elisa/328647>