Product datasheet for TA302282

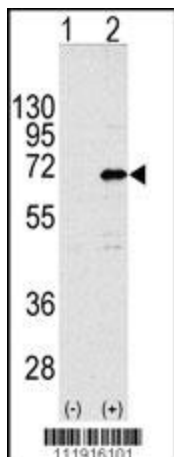## CNOT4 Rabbit Polyclonal Antibody

Product data:

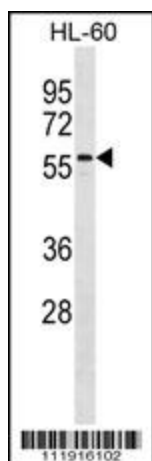|	
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human (Predicted: Mouse)
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This CNOT4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-84 amino acids from the N-terminal region of human CNOT4.
Formulation:	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63510 Da
Gene Name:	CCR4-NOT transcription complex subunit 4
Database Link:	NP_001008226 Entrez Gene 53621 MouseEntrez Gene 4850 Human O95628
Background:	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.
Synonyms:	CLONE243; NOT4; NOT4H
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	RNA degradation

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Product images:

Western blot analysis of CNOT4 (arrow) using rabbit polyclonal CNOT4 Antibody (N-term) (RB11916). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CNOT4 gene (Lane 2) (Origene Technologies).

CNOT4 Antibody (N-term) (Cat. #TA302282) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the CNOT4 antibody detected the CNOT4 protein (arrow).