antibodies

Datasheet for ABIN7147092 anti-CNOT1 antibody (AA 604-867) (HRP)



Overview

Quantity:	100 µg
Target:	CNOT1
Binding Specificity:	AA 604-867
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human CCR4-NOT transcription complex subunit 1 protein (604-867AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CNOT1
Alternative Name:	CNOT1 (CNOT1 Products)
Background:	Background: 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

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	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.
	Aliases: CNOT1 antibody, CDC39 antibody, KIAA1007 antibody, NOT1 antibody, AD-005CCR4-
	NOT transcription complex subunit 1 antibody, CCR4-associated factor 1 antibody, Negative
	regulator of transcription subunit 1 homolog antibody, NOT1H antibody, hNOT1 antibody
UniProt:	A5YKK6
Pathways:	Retinoic Acid Receptor Signaling Pathway, Intracellular Steroid Hormone Receptor Signaling
	Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone
	Receptor Binding, Stem Cell Maintenance
Application Details	

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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