Datasheet for ABIN7452794

anti-CNOT1 antibody (AA 1400-1450)

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Overview

Quantity:	100 µg
Target:	CNOT1
Binding Specificity:	AA 1400-1450
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-CNOT1 Antibody, Affinity Purified
Immunogen:	between AA 1400 and 1450
Isotype:	IgG
Predicted Reactivity:	Zebrafish,X. tropicalis
Purification:	Affinity 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

Target Details

	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. 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. [taken from NCBI Entrez Gene (Gene ID: 23019)]. [taken from the Universal Protein Resource (UniProt) A5YKK6].
Gene ID:	23019
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:	IP: 50 - 100 µL/mg lysate WB: 1:10,000 - 1:25,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Expiry Date:	12 months