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Datasheet for ABIN6990985 anti-CNOT4 antibody (N-Term)



Overview

Quantity:	0.1 mg
Target:	CNOT4
Binding Specificity:	AA 70-120, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	CNOT4 antibody was raised against a 19 amino acid synthetic peptide near the amino terminus
	of the human CNOT4. The immunogen is located within amino acids 70 - 120 of CNOT4.
Isotype:	lgG
Purification:	CNOT4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CNOT4
Alternative Name:	CNOT4 (CNOT4 Products)
Background:	CNOT4 Antibody: CNOT4 is a component of the CCR4-NOT transcription complex, a complex that is implicated in the repression of RNA polymerase II transcription. In the CCR4-NOT
	complex, CNOT4 acts as an E3 ubiquitin-protein ligase and interacts with a subset of E2

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	ubiquitin-conjugating enzymes through a unique C4C4 RING domain. This E3 ligase activity
	was shown to be dependent on the selective and specific interaction with the ubiquitin
	conjugating enzyme UbcH5B. In yeast, mutations in CNOT4 that prevented its interaction with
	the UbcH5B homolog UBC4 caused increased sensitivity to hydroxyurea, heat shock, and
	hygromycin B, suggesting that CNOT4 and UbcH5B are involved in stress response in vivo.
	Multiple isoforms of CNOT4 are known to exist.
Gene ID:	4850
NCBI Accession:	NP_037448
UniProt:	095628
Application Details	
Application Notes:	CNOT4 antibody can be used for detection of CNOT4 by Western blot at 1 - 2 $\mu\text{,g/mL}.$
	Antibody validated: Western Blot in human samples. All other applications and species not yet
	tested.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CNOT4 Antibody is supplied in PBS containing 0.02 % 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:	-20 °C,4 °C
Storage Comment:	CNOT4 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As
	with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should
	not be exposed to prolonged high temperatures.