

Datasheet for ABIN7179994
anti-CNOT2 antibody (Ser101)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	CNOT2
Binding Specificity:	Ser101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Synthesized non-phosphopeptide derived from Human CNOT2 around the phosphorylation site of serine 101 (S-L-S(p)-Q-G).
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	CNOT2
Alternative Name:	CNOT2 (CNOT2 Products)

Target Details

Background: Background: 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. Required for the CCR4-NOT complex structural integrity. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation, the repressive function may specifically involve the N-Cor repressor complex containing HDAC3, NCOR1 and NCOR2. Involved in the maintenance of embryonic stem (ES) cell identity.

Albert T.K., Nucleic Acids Res. 28:809-817(2000).

Zhang Q.-H., Genome Res. 10:1546-1560(2000).

Ota T., Nat. Genet. 36:40-45(2004).

Aliases: CCR4 associated factor 2 antibody, CCR4 NOT transcription complex subunit 2 antibody, CCR4-associated factor 2 antibody, CCR4-NOT transcription complex subunit 2 antibody, CDC36 antibody, CNOT2 antibody, CNOT2_HUMAN antibody, HSPC131 antibody, MSTP046 antibody, Negative regulator of transcription 2 antibody, NOT2 (negative regulator of transcription 2 yeast) homolog antibody, NOT2 antibody, NOT2H antibody

UniProt: [Q9NZN8](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Stem Cell Maintenance](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

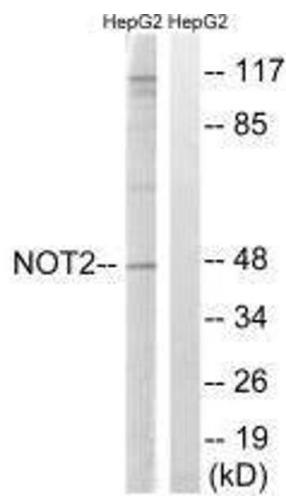
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, treated with starved (24hours), using CNOT2 (Ab-101) antibody.