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Datasheet for ABIN7138738  
**anti-CNOT2 antibody (pSer101)**

1 Image

Overview

Quantity:	100 µL
Target:	CNOT2
Binding Specificity:	pSer101
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNOT2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of Serine101(S-L-S(p)-Q-G) derived from Human CNOT2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	CNOT2
Alternative Name:	CNOT2 ( <a href="#">CNOT2 Products</a> )

## Target Details

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Background:

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The CCR4-NOT complex functions as general transcription regulation complex. Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8. 5 isoforms of the human protein are produced by alternative splicing.

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

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Application Notes:

IHC:1:50-1:100,

Restrictions:

For Research Use only

## Handling

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Format:

Liquid

Buffer:

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative:

Sodium azide

Precaution of Use:

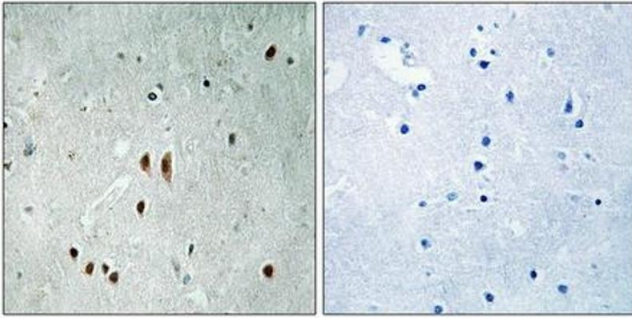
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

-20 °C,-80 °C

Storage Comment:

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



### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of paraffin-embedded human brain tissue using CNOT2 (Phospho-Ser101) antibody (left) or the same antibody preincubated with blocking peptide (right).