

CNOT2 Antibody | anti-CNOT2 antibody

CNOT2 (Phospho-Ser101) Antibody

CATALOG # AAA110087	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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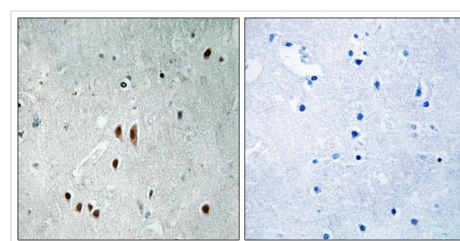
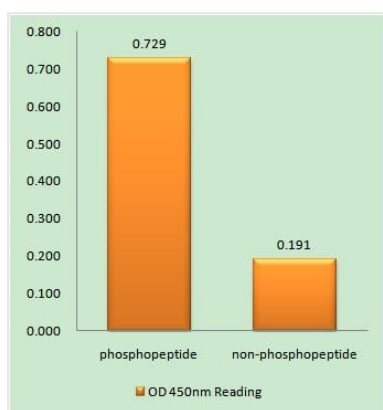
PRODUCT SYNONYMS

CNOT2; CNOT2 (Phospho-Ser101) Antibody; CCR4-associated factor 2; CCR4-NOT transcription complex subunit 2; CCR4-NOT transcription complex; subunit 2; CDC36; HSPC131; MSTP046; NOT2 (negative regulator of transcription 2; yeast) homolog; NOT2H; anti-CNOT2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CNOT2 (Phospho-Ser101) antibody detects endogenous levels of CNOT2 only when phosphorylated at serine 101.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	540
Applicable Applications for anti-CNOT2 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CNOT2 around the phosphorylation site of serine 101 (S-L-SP-Q-G).
All Sites	Human: Ser101 Mouse: Ser101 Rat: Ser16
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using CNOT2 (Phospho-Ser101) antibody. CNOT2 (Phospho-Ser101) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nm are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CNOT2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	313482818
NCBI GeneID	4848
NCBI Accession #	NP_001186231.1
NCBI GenBank Nucleotide #	NM_001199302.1
UniProt Accession #	Q9NZN8; Q9H3E0; Q9NSX5; Q9NWR6; Q9P028
Molecular Weight	54,306 Da
NCBI Official Full Name	CCR4-NOT transcription complex subunit 2
NCBI Official Synonym Full Names	CCR4-NOT transcription complex subunit 2
NCBI Official Symbol	CNOT2
NCBI Official Synonym Symbols	NOT2; CDC36; NOT2H; HSPC131
NCBI Protein Information	CCR4-NOT transcription complex subunit 2
UniProt Protein Name	CCR4-NOT transcription complex subunit 2
UniProt Gene Name	CNOT2
UniProt Synonym Gene Names	CDC36; NOT2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-rat-antibody/cnot2/110087>