

CNOT2 (Phospho Ser101) Rabbit pAb

CatalogNo: YP1105

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF, ELISA

MW

- 60kD (Calculated)

Isotype

- IgG

| Recommended Dilution Ratios

IHC 1:100-1:300

ELISA 1:10000

IF 1:50-200

| Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

| Basic Information

Clonality

Polyclonal

| Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human CNOT2 around the phosphorylation site of Ser101. AA range: 67-116

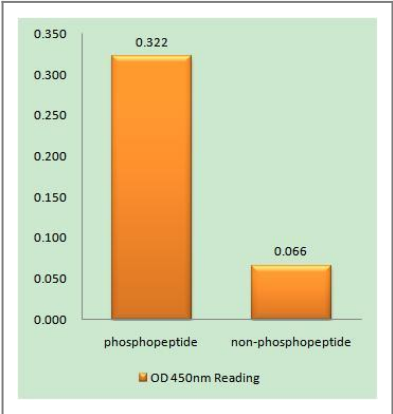
Specificity

Phospho-CNOT2 (S101) Polyclonal Antibody detects endogenous levels of CNOT2 protein only when phosphorylated at S101. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites): SLsQG

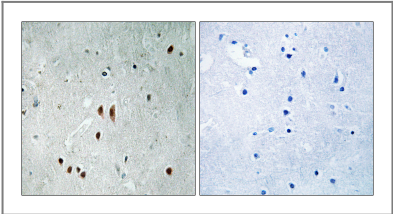
Target Information

Gene name	CNOT2		
Protein Name	CCR4-NOT transcription complex subunit 2		
	Organism	Gene ID	UniProt ID
	Human	4848 ;	Q9NZN8 ;
	Mouse	72068 ;	Q8C5L3 ;
Cellular Localization	Cytoplasm . Nucleus .		
Tissue specificity	Ubiquitous. Highly expressed in brain, heart, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood leukocytes.		
Function	Function:The CCR4-NOT complex functions as general transcription regulation complex.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the CNOT2/3/5 family.,subunit:Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8.,tissue specificity:Ubiquitous. Highly expressed in brain, heart, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood leukocytes.,		

Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CNOT2 (Phospho-Ser101) Antibody



Immunohistochemistry analysis of paraffin-embedded human brain, using CNOT2 (Phospho-Ser101) Antibody. The picture on the right is blocked with the phospho peptide.

Contact information

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**CNOT2 (Phospho
Ser101) Rabbit pAb**

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