



# CNOT4 Monoclonal Antibody

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|---------------------------|--|
| <b>Catalog No</b>         | YP-mAb-01616   |
| <b>Isotype</b>            | IgG  |
| <b>Reactivity</b>         | Human;Mouse;Rat  |
| <b>Applications</b>       | WB   |
| <b>Gene Name</b>          | CNOT4  |
| <b>Protein Name</b>       | CCR4-NOT transcription complex subunit 4   |
| <b>Immunogen</b>          | The antiserum was produced against synthesized peptide derived from human CNOT4. AA range:61-110   |
| <b>Specificity</b>        | CNOT4 Monoclonal Antibody detects endogenous levels of CNOT4 protein.  |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| <b>Source</b>             | Monoclonal, Mouse,IgG  |
| <b>Purification</b>       | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.   |
| <b>Dilution</b>           | WB 1:500-1:2000  |
| <b>Concentration</b>      | 1 mg/ml  |
| <b>Purity</b>             | ≥90%   |
| <b>Storage Stability</b>  | -20°C/1 year   |
| <b>Synonyms</b>           | CNOT4; NOT4; CCR4-NOT transcription complex subunit 4; CCR4-associated factor 4; E3 ubiquitin-protein ligase CNOT4; Potential transcriptional repressor NOT4Hp   |
| <b>Observed Band</b>      | 64kD   |
| <b>Cell Pathway</b>       | Cytoplasm . Nucleus .  |
| <b>Tissue Specificity</b> | Mammary gland,Testis,  |
| <b>Function</b>           | function:Has E3 ubiquitin ligase activity. The CCR4-NOT complex functions as general transcription regulation complex.,pathway:Protein modification; protein ubiquitination.,PTM:Autoubiquitinated.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Sequencing errors.,similarity:Contains 1 C3H1-type zinc finger.,similarity:Contains 1 RING-type zinc finger.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Subunit of the CCR4-NOT core complex that contains CHAF1A, CHAF1B, CNOT1, CNOT2, CNOT3, CNOT4, CNOT6 and CNOT8. Binds CNOT1 via its C-terminus. Binds E2 ubiquitin ligases via its RING domain., |
| <b>Background</b>         | CCR4-NOT transcription complex subunit 4(CNOT4) Homo sapiens The protein encoded by this gene is a subunit of the CCR4-NOT complex, a global transcriptional regulator. The encoded protein interacts with CNOT1 and has E3  |



ubiquitin ligase activity. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

