

CNOT4 monoclonal antibody

Catalog: MB66745

Host: Mouse

Reactivity: Human, Mouse

BackGround:

The CCR4-NOT complex is an evolutionarily conserved, multi-component complex known to be involved in transcription as well as mRNA degradation. Various subunits within the complex are involved in influencing nuclear hormone receptor activities. The CCR4-NOT complex is also involved in the regulation of Histone H3 lysine 4 methylation through a ubiquitin-dependent pathway that likely involves the proteasome. CNOT4 (CCR4-NOT transcription complex subunit 4), also known as CCR4-associated factor 4 and E3 ubiquitin-protein ligase CNOT4, is a 575 amino acid protein that is a subunit of the CCR4-NOT complex. CNOT4 contains one C3H1-type zinc finger, one RING-type zinc finger and one RRM (RNA recognition motif) domain. Via its RING domain, CNOT4 binds E2 ubiquitin ligases. CNOT4 functions as a UbcH5B-dependent ubiquitin-protein ligase (E3 ligase). There are eight isoforms of CNOT4 that are expressed as a result of alternative splicing events.

Product:

Mouse IgG2a kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 63 kDa

Swiss-Prot:

O95628

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/4000)

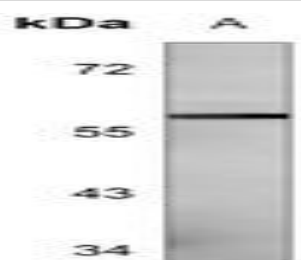
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of CNOT4 protein.

DATA:



Western blot analysis of CNOT4 expression in 293 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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