
CNOT4 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 253952

Unit: 0.1 mg

Description:

CNOT4 is a component of the CCR4-NOT transcription complex, a complex that is implicated in the repression of RNA polymerase II transcription. In the CCR4-NOT complex, CNOT4 acts as an E3 ubiquitin-protein ligase and interacts with a subset of E2 ubiquitin-conjugating enzymes through a unique C4C4 RING domain. This E3 ligase activity was shown to be dependent on the selective and specific interaction with the ubiquitin conjugating enzyme UbcH5B. In yeast, mutations in CNOT4 that prevented its interaction with the UbcH5B homolog UBC4 caused increased sensitivity to hydroxyurea, heat shock, and hygromycin B, suggesting that CNOT4 and UbcH5B are involved in stress response in vivo. Multiple isoforms of CNOT4 are known to exist.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: CNOT4; CCR4-NOT transcription complex subunit 4; NOT4; NOT4H

Accession No.: NP_037448

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human CNOT4.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.