

## Product datasheet for **TA800047BM**

### CNOT4 Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI3B8]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI3B8   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:500   |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 190-455 of human CNOT4 (NP_037448) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol.  |
| Concentration:          | 0.5 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | HRP  |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 70.2 kDa   |
| Gene Name:              | CCR4-NOT transcription complex subunit 4   |
| Database Link:          | <a href="#">NP_037448</a><br><a href="#">Entrez Gene 53621 Mouse</a> <a href="#">Entrez Gene 312227 Rat</a> <a href="#">Entrez Gene 4850 Human</a><br><a href="#">O95628</a>   |
| Background:             | 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. |
| Synonyms:               | CLONE243; NOT4; NOT4H  |

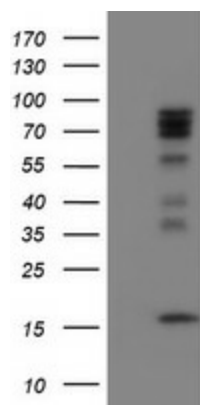


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Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: RNA degradation

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CNOT4 ([RC217418], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CNOT4. Positive lysates [LY415669] (100ug) and [LC415669] (20ug) can be purchased separately from OriGene.