

## Product datasheet for **TA810955**

### **RNF14 Mouse Monoclonal Antibody [Clone ID: OTI3A4]**

#### **Product data:**

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI3A4   |
| Applications:           | WB   |
| Recommended Dilution:   | WB 1:200   |
| Reactivity:             | Human, Mouse, Rat  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Human recombinant protein fragment corresponding to amino acids 1-220 of human RNF14 (NP_899647) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 1 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C as received.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 53.7 kDa   |
| Gene Name:              | ring finger protein 14   |
| Database Link:          | <a href="#">NP_899647</a><br><a href="#">Entrez Gene 56736 Mouse</a> <a href="#">Entrez Gene 619577 Rat</a> <a href="#">Entrez Gene 9604 Human</a><br><a href="#">Q9UBS8</a> |



[View online »](#)

**Background:**

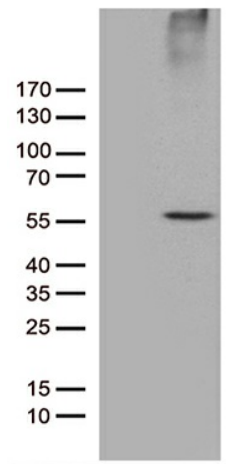
The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq, Jan 2011]

**Synonyms:**

ARA54; HFB30; HRIHFB2038; TRIAD2

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY RNF14 ([RC223362], 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-RNF14. Positive lysates [LY405271] (100ug) and [LC405271] (20ug) can be purchased separately from OriGene.