

## Product datasheet for **TA811231AM**

### **RNF4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1F6]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI1F6
Applications:	WB
Recommended Dilution:	WB 1:500~2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-190 of human RNF4 (NP_002929) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	ring finger protein 4
Database Link:	<a href="#">NP_001171938</a> <a href="#">Entrez Gene 19822 Mouse</a> <a href="#">Entrez Gene 29274 Rat</a> <a href="#">Entrez Gene 6047 Human</a> <a href="#">P78317</a>

**Background:** The protein encoded by this gene contains a RING finger motif and acts as a transcription regulator. This protein has been shown to interact with, and inhibit the activity of, TRPS1, a transcription suppressor of GATA-mediated transcription. Transcription repressor ZNF278/PATZ is found to interact with this protein, and thus reduce the enhancement of androgen receptor-dependent transcription mediated by this protein. Studies of the mouse and rat counterparts suggested a role of this protein in spermatogenesis. A pseudogene of this gene is found on chromosome 1. [provided by RefSeq, Jul 2010]

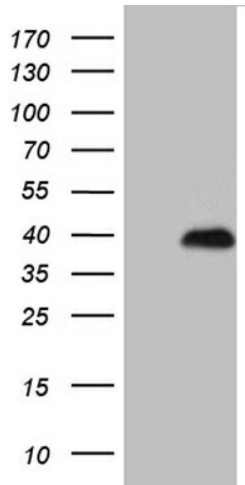


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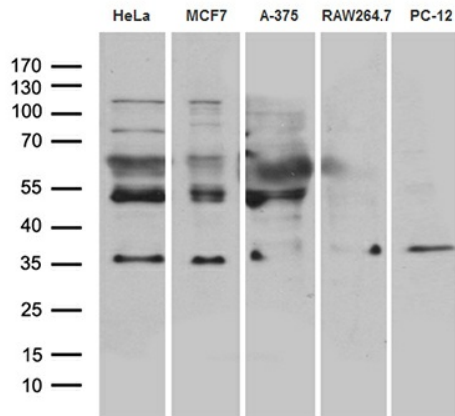
**Synonyms:** RES4-26; SLX5; SNURF

**Protein Families:** Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY RNF4 (Cat# [RC207273], 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-RNF4 (Cat# [TA811231])(1:2000). Positive lysates [LY432659] (100ug) and [LC432659] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 5 different cell lines by using anti-RNF4 monoclonal antibody (1:500).