

**MORF4L2 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14737b****Specification**

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**MORF4L2 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q15014</a>
Other Accession	<a href="#">Q4R578</a> , <a href="#">NP_001135901.1</a> , <a href="#">NP_001135891.1</a> , <a href="#">NP_001135898.1</a>
Reactivity	Human
Predicted	Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	32308
Antigen Region	259-288

**MORF4L2 Antibody (C-term) - Additional Information****Gene ID** 9643**Other Names**

Mortality factor 4-like protein 2, MORF-related gene X protein, Protein MSL3-2, Transcription factor-like protein MRGX, MORF4L2, KIAA0026, MRGX

**Target/Specificity**

This MORF4L2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 259-288 amino acids from the C-terminal region of human MORF4L2.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

MORF4L2 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MORF4L2 Antibody (C-term) - Protein Information**

**Name** MORF4L2

**Synonyms** KIAA0026, MRGX

**Function** Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also a component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones.

**Cellular Location**

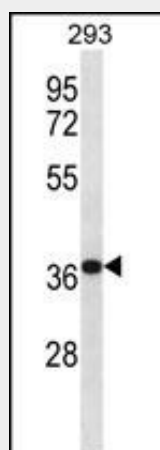
Nucleus.

**MORF4L2 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MORF4L2 Antibody (C-term) - Images**



MORF4L2 Antibody (C-term) (Cat. #AP14737b) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the MORF4L2 antibody detected the MORF4L2 protein (arrow).

**MORF4L2 Antibody (C-term) - Background**

Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional

activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome -DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. The NuA4 complex ATPase and helicase activities seem to be, at least in part, contributed by the association of RUVBL1 and RUVBL2 with EP400. NuA4 may also play a direct role in DNA repair when directly recruited to sites of DNA damage. Also component of the MSIN3A complex which acts to repress transcription by deacetylation of nucleosomal histones.

#### **MORF4L2 Antibody (C-term) - References**

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Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :  
Oh, J.H., et al. Mamm. Genome 16(12):942-954(2005)  
Cai, Y., et al. J. Biol. Chem. 280(14):13665-13670(2005)  
Tominaga, K., et al. J. Biol. Chem. 278(49):49618-49624(2003)