

Product datasheet for **TA342443**

MRG15 (MORF4L1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Morf4l1 antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: PEELKPWLVDWDLITRQKQLFYLPKKNVDSILEDYANYKKSARGNTDNK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	41 kDa
Gene Name:	mortality factor 4 like 1
Database Link:	NP_006782 Entrez Gene 21761 Mouse Q9UBU8



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Background:

Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones 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. Required for homologous recombination repair (HRR) and resistance to mitomycin C (MMC). Involved in the localization of PALB2, BRCA2 and RAD51, but not BRCA1, to DNA-damage foci.

Synonyms:

Eaf3; FWP006; HsT17725; MEAF3; MORFRG15; MRG15; S863-6

Note:

Immunogen Sequence Homology: Pig: 100%; Dog: 93%; Rat: 93%; Horse: 93%; Human: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Guinea pig: 93%

Protein Families:

Transcription Factors

Product images:

WB Suggested Anti-Morf4l1 Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Heart