

## Product datasheet for **TA356667**

### Morf4l1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 93%; Dog: 93%; Guinea Pig: 86%; Horse: 93%; Human: 93%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 85%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	41kDa
Gene Name:	mortality factor 4 like 1
Database Link:	<a href="#">NP_001034236</a> <a href="#">Entrez Gene 21761 Mouse</a> <a href="#">P60762</a>



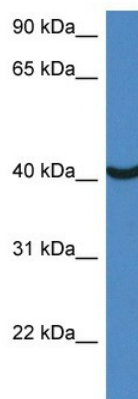
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**Background:**

Morf4l1 is a 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.

**Synonyms:**

Eaf3; FWP006; HsT17725; MEAF3; MGC10631; MORFRG15; MRG15; S863-6

**Product images:**

WB Suggested Anti-Morf4l1 Antibody  
Titration: 1.0 ug/ml  
Positive Control: Mouse Small Intestine