

## ARG63547 anti-MRG15 / MORF4L1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MRG15 / MORF4L1
Tested Reactivity	Hu, Ms, Rat, Pig
Predict Reactivity	Cow
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognise isoform 1 (NP_006782.1) and isoform 2 (NP_996670.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MRG15 / MORF4L1
Species	Human
Immunogen	APKQDPKPKFQEG-C
Conjugation	Un-conjugated
Alternate Names	MORFRG15; S863-6; MORF-related gene 15 protein; Mortality factor 4-like protein 1; HsT17725; Protein MSL3-1; MEAF3; Eaf3; FWP006; Transcription factor-like protein MRG15; MRG15

### Application Instructions

Application table	Application	Dilution
	IHC-P	Assay - dependent
	WB	0.1 - 0.3 µg/ml

**Application Note**  
WB: Recommend incubate at RT for 1h.  
IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

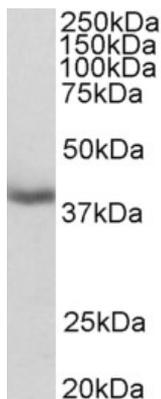
Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

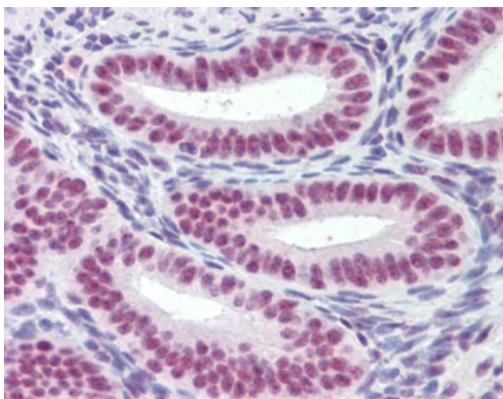
Gene Symbol	MORF4L1
Gene Full Name	mortality factor 4 like 1
Function	Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - 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. [UniProt]
Research Area	Cancer antibody; Gene Regulation antibody
Calculated Mw	41 kDa

## Images



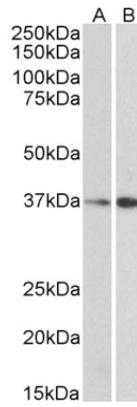
ARG63547 anti-MRG15 / MORF4L1 antibody WB image

Western Blot: Mouse Liver lysate (35 µg protein in RIPA buffer) stained with ARG63547 anti-MRG15 / MORF4L1 antibody at 0.1 µg/ml dilution.



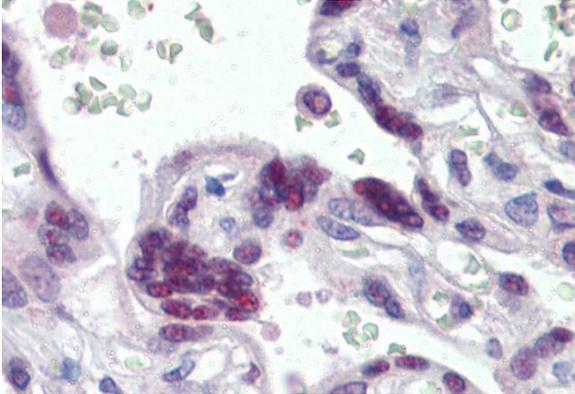
ARG63547 anti-MRG15 / MORF4L1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human uterus tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63547 anti-MRG15 / MORF4L1 antibody at 2.5 µg/ml dilution followed by AP-staining.



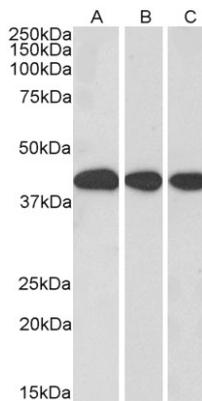
#### ARG63547 anti-MRG15 / MORF4L1 antibody WB image

Western blot: 35 µg of NIH/3T3 (A) and HepG2 (B) lysates (in RIPA buffer) stained with ARG63547 anti-MRG15 / MORF4L1 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.



#### ARG63547 anti-MRG15 / MORF4L1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63547 anti-MRG15 / MORF4L1 antibody at 2.5 µg/ml dilution followed by AP-staining.



#### ARG63547 anti-MRG15 / MORF4L1 antibody WB image

Western blot: 35 µg of Mouse liver (A), Rat liver (B) and Pig liver (C) lysates (in RIPA buffer) stained with ARG63547 anti-MRG15 / MORF4L1 antibody at 0.3 µg/ml dilution and incubated at RT for 1 hour.