

Rabbit MORF4L1 Polyclonal Antibody | anti-MORF4L1 antibody

MORF4L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321104	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

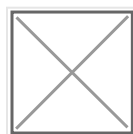
PRODUCT SYNONYMS

MORF4L1; Polyclonal Antibody; MORF4L1 Antibody; CG6363; Eaf3; Esa1p associated factor 3 homolog; FWP006; HsT17725; MEAF3; MO4L1_HUMAN; MORF related gene on chromosome 15; MORF-related gene 15 protein; Morf4l1; MORFRG15; Mortality factor 4 like 1; Mortality factor 4 like protein 1; Mortality factor 4-like protein 1; MRG15; Protein MSL3-1; S863-6; Transcription factor-like protein MRG15; anti-MORF4L1 antibody

PRODUCT SPECIFICATIONS

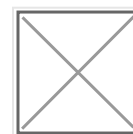
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MORF4L1 antibody detects endogenous levels of MORF4L1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	235
Applicable Applications for anti-MORF4L1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MORF4L1
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Dog
Similarity	Dog (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA321104 staining K-562 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis on COS7 cell lysate using MORF4L1 Antibody, The lane on the left is treated with the antigen-specific peptide.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using MORF4L1 Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MORF4L1 antibody	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. Subunit Structure: Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit KAT5/TIP60 and the subunits EP400, TRRAP/PAF400, BRD8/SMAP, EPC1, DMAP1/DNMAP1, RUVBL1/TIP49, RUVBL2, ING3, actin, ACTL6A/BAF53A, MORF4L1/MRG15, MORF4L2/MRGX, MRGBP, YEATS4/GAS41, VPS72/YL1 and MEAF6. The NuA4 complex interacts with MYC and the adenovirus E1A protein. MORF4L1 may also participate in the formation of NuA4 related complexes which lack the KAT5/TIP60 catalytic subunit, but which include the SWI/SNF related protein SRCAP. Component of the mSin3A histone deacetylase complex, which includes SIN3A, HDAC2, ARID4B, MORF4L1, RBBP4/RbAp48, and RBBP7/RbAp46. Interacts with RB1 and KAT8. May also interact with PHF12 and one or more as yet undefined members of the TLE (transducin-like enhancer of split) family of transcriptional repressors. Interacts with the N-terminus of MRFAP1. Found in a complex composed of MORF4L1, MRFAP1 and RB1. Interacts with the entire BRCA complex, which contains BRCA1, PALB2, BRCA2 and RAD51. Interacts with PALB2. Forms a complex with MSL1 and NUPR1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388240812
NCBI GeneID	10933
NCBI Accession #	NP_001252532.1
NCBI GenBank Nucleotide #	NM_001265603.1
UniProt Accession #	Q9UBU8; Q95899; Q5QTS1; Q6NVX8; Q86YTT7; Q9HBP6; Q9NSW5; B4DKN6; B7Z6R1; D3DW88
Molecular Weight	Observed: 41 kDa Predicted: 42 kDa
NCBI Official Full Name	mortality factor 4-like protein 1 isoform 3
NCBI Official Synonym Full Names	mortality factor 4 like 1
NCBI Official Symbol	MORF4L1
NCBI Official Synonym Symbols	Eaf3; MEAF3; MRG15; FWP006; S863-6; HsT17725; MORFRG15
NCBI Protein Information	mortality factor 4-like protein 1
UniProt Protein Name	Mortality factor 4-like protein 1
UniProt Gene Name	MORF4L1
UniProt Synonym Gene Names	MRG15

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/morf4l1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321104>