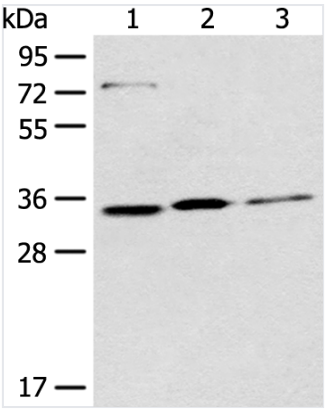
MORF4L2 Antibody – Rabbit Polyclonal

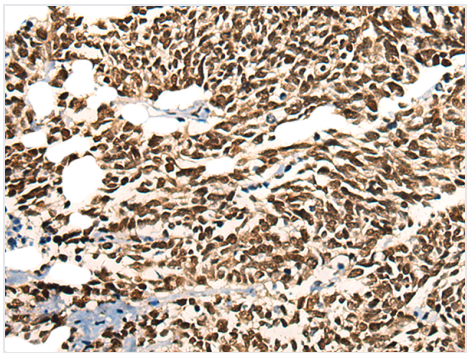
PRODUCT OVERVIEW

Product Name	MORF4L2, Polyclonal Antibody
Full Product Name	MORF4L2 Polyclonal Antibody
Product Gene Name	anti-MORF4L2 antibody
Product Synonym Names	KIAA0026; MO4L2; MORF related gene X protein; MORF-related gene X protein; Morf4l2; MORFL2; Mortality factor 4 like protein 2; Mortality factor 4-like protein 2; MRGX; MSL3 2 protein; Protein MSL3-2; Transcription factor like protein MRGX; Transcription factor-like protein MRGX
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Purity/Purification	Antigen Affinity Purification
Concentration	0.7mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	32 kDa
OMIM	300409
3D Structure	ModBase 3D Structure for Q15014
Immunogen	Synthetic peptide of human MORF4L2
Conjugation	Unconjugated
Product Categories/Family for anti-MORF4L2 antibody	Cancer; Epigenetics and Nuclear Signaling; Metabolism
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MORF4L2 antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-MORF4L2 antibody	WB: 1:500-1:2000 IHC: 1:25-1:100 ELISA: 1:5000-1:10000
Related Product Information for anti-MORF4L2 antibody	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.
Other Notes	Small volumes of anti-MORF4L2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MORF4L2 purchase	MBS2561634 is an antibody targeting MORF4L2. Also known as MORF4L2 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-MORF4L2 antibody
Western blot analysis of 293T Hela and A431 cell lysates using MORF4L2 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry (IHC) of anti-MORF4L2 antibody
Immunohistochemistry of paraffin-embedded Human lung cancer tissue using MORF4L2 Polyclonal Antibody at dilution of 1:25(×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MORF4L2. It may not necessarily be applicable to this product.

NCBI GI #	215490021
NCBI GeneID	9643
NCBI Accession #	NP_001135890.1
UniProt Primary Accession #	Q15014
UniProt Related Accession #	Q15014
GenBank Nucleotide #	NP_001135890.1
NCBI Official Full Name	mortality factor 4-like protein 2
NCBI Official Synonym Full Names	mortality factor 4 like 2
NCBI Official Symbol	MORF4L2
NCBI Official Synonym Symbols	MRGX; MORFL2
UniProt Protein Name	Mortality factor 4-like protein 2
UniProt Synonym Protein Names	MORF-related gene X protein; Protein MSL3-2; Transcription factor-like protein MRGX
Protein Family	Mortality factor 4-like protein
UniProt Gene Name	MORF4L2
UniProt Synonym Gene Names	KIAA0026; MRGX
UniProt Entry Name	MO4L2_HUMAN
NCBI Protein Information	mortality factor 4-like protein 2

UniProt Comments for MORF4L2	MORF4L2: 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. Chromosomal Location of Human Ortholog: Xq22 Cellular Component: nucleoplasm; nucleolus Molecular Function: protein binding Biological Process: establishment and/or maintenance of chromatin architecture; transcription, DNA-dependent; regulation of growth; positive regulation of transcription from RNA polymerase II promoter; positive regulation of striated muscle cell differentiation; chromatin modification; DNA repair
Research Articles on MORF4L2	**1.** Suberoylanilide hydroxamic acid enhanced the expression of malignant genes such as MORF4L2 in lung cancer cells remaining after treatment, creating a more drug-resistant state.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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