

Product datasheet for **TA372317**

Mortality Factor 4 like 2 (MORF4L2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T□Hela and A431 cell lysates IHC: 25-100 Positive control: Human lung cancer Predicted cell location: Nucleus and Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MORF4L2
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	32 kDa
Gene Name:	mortality factor 4 like 2
Database Link:	Entrez Gene 9643 Human Q15014



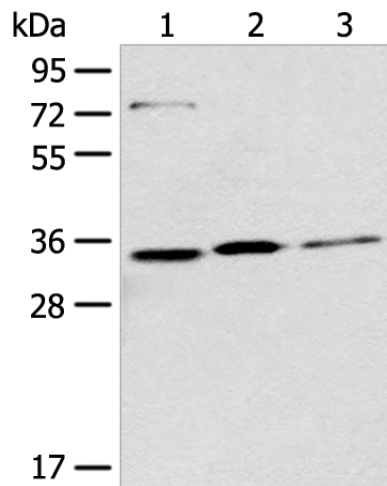
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Background:

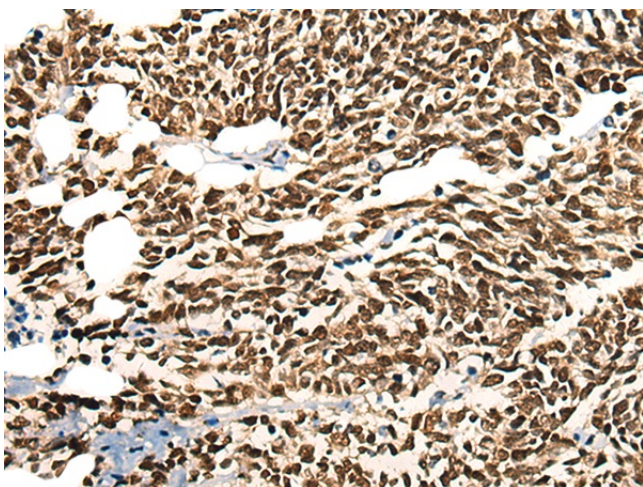
Component of the NuA4 histone acetyltransferase complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histone H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other 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.

Synonyms:

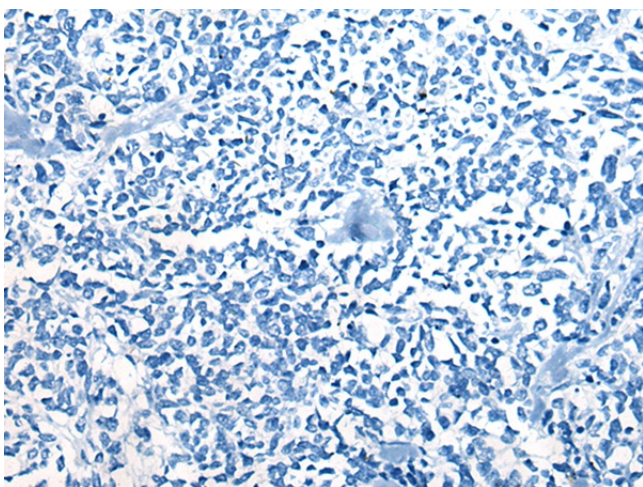
KIAA0026; MORFL2; MRGX; OTTHUMP00000023756

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane 1-3: 293T
Hela and A431 cell lysates
Primary antibody: TA372317 (MORF4L2 Antibody)
at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 30 seconds



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA372317 (MORF4L2 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA372317 (MORF4L2 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)