

MORF4L2 Antibody

Catalog No: #46614

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Description

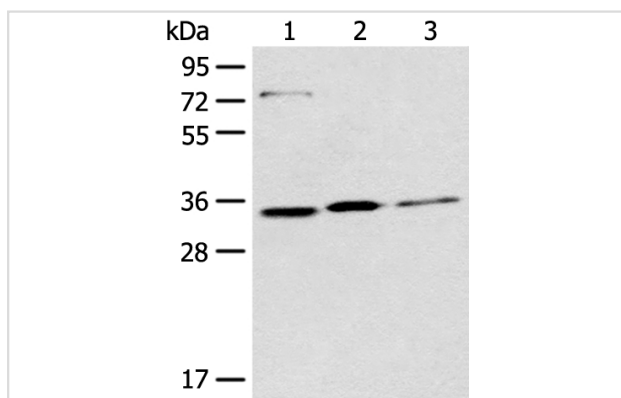
Product Name	MORF4L2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MORF4L2 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human MORF4L2
Target Name	MORF4L2
Other Names	MRGX; MORFL2
Accession No.	Swiss-Prot:Q15014NCBI Gene ID:9643NCBI Protein:NP_036418
Uniprot	Q15014
GeneID	9643;
Calculated MW	32 kDa
Concentration	0.9mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Immunohistochemistry: 1: 25-100

Images

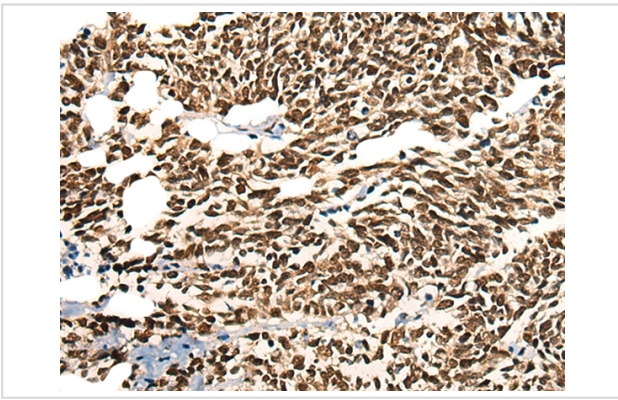


Gel: 8%SDS-PAGE

lysate: 40 µg, Lane 1-3: 293T/HEK293T and A431 cell lysates,

Primary antibody: 46614B (MORF4L2 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46614(MORF4L2 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x200)

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.

Note: This product is for in vitro research use only