Product Datasheet

MORF4L1 antibody

Catalog No: #39186

Package Size: #39186-1 50ul #39186-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	MORF4L1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MORF4L1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MORF4L1 (NP_006782.1).
Target Name	MORF4L1
Other Names	MORF4L1;Eaf3;FWP006;HsT17725;MEAF3;MORFRG15;MRG15;S863-6
Accession No.	Uniprot:Q9UBU8GeneID:10933
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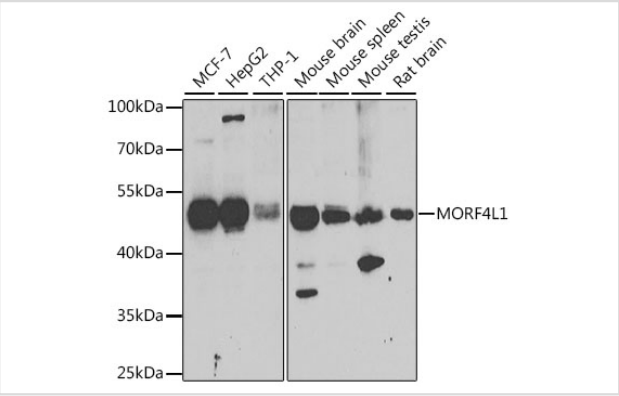
GeneID	10933
SDS-PAGE MW	41kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using MORF4L1 antibody.

Background

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.

Note: This product is for in vitro research use only