

产品名称: MRG15 Rabbit Polyclonal Antibody

产品货号: APRab14085

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
分子量(Molecular Weight)	41kDa

抗原信息(Antigen Information)

基因名(Gene Name)	MORF4L1
别名(Alternative Names)	MORF4L1; MRG15; FWP006; HSPC008; HSPC061; PP368; Mortality factor 4-like protein 1; MORF-related gene 15 protein; Protein MSL3-1; Transcription factor-like protein MRG15
基因 ID(Gene ID)	10933.0
SwissProt ID	Q9UBU8
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human MORF4L1. AA range:31-80

研究背景 (Background)

function:Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of

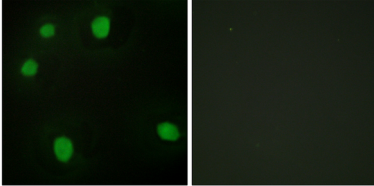
select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional 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.,similarity:Belongs to the MRG family.,subunit:Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit HTATIP/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 EAF6. 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 HTATIP/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. MORF4L1 interacts with RB1 and MYST1. MORF4L1 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.,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.,similarity:Belongs to the MRG family.,subunit:Component of the NuA4 histone acetyltransferase complex which contains the catalytic subunit HTATIP/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 EAF6. 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 HTATIP/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. MORF4L1 interacts with RB1 and MYST1. MORF4L1 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.,

研究领域 (Research Area)

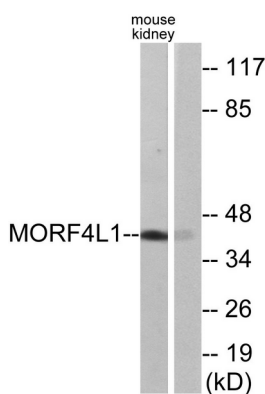
注意事项 (Note)

For research use only.

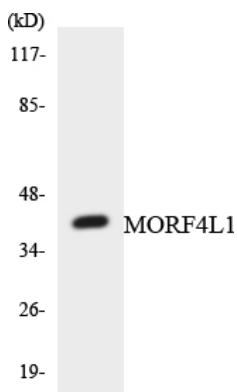
图片 (Image Data)



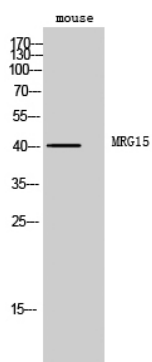
Immunofluorescence analysis of HepG2 cells, using MORF4L1 Antibody. The picture on the right is blocked with the synthesized peptide.



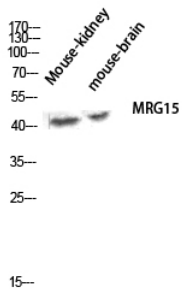
Western blot analysis of lysates from mouse kidney cells, using MORF4L1 Antibody. The lane on the right is blocked with the synthesized peptide.



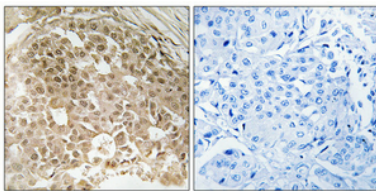
Western blot analysis of the lysates from COLO205 cells using MORF4L1 antibody.



Western Blot analysis of mouse cells using MRG15 Polyclonal Antibody diluted at 1 : 500.



Western blot analysis of Mouse-kidney mouse-brain lysis using MRG15 antibody. Antibody was diluted at 1:500.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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