

产品名称: MYSM1 Rabbit Polyclonal Antibody

产品货号: APRab14357

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,Rat,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 1:50-1:200,ELISA 1:20000-1:40000
分子量(Molecular Weight)	95kDa

抗原信息(Antigen Information)

基因名(Gene Name)	MYSM1
别名(Alternative Names)	MYSM1; KIAA1915; Histone H2A deubiquitinase MYSM1; 2A-DUB; Myb-like; SWIRM and MPN domain-containing protein 1
基因 ID(Gene ID)	114803.0
SwissProt ID	Q5VVJ2
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human MYSM1. AA range:520-569

研究背景 (Background)

catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,domain:Binds double-stranded DNA via the SANT

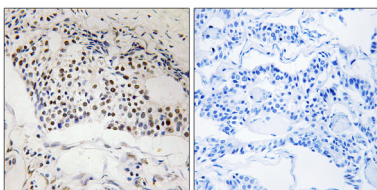
domain. The SWIRM domain does not bind double-stranded DNA.,function:Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the peptidase M67A family. MYSM1 subfamily.,similarity:Contains 1 MPN (JAB/Mov34) domain.,similarity:Contains 1 SANT domain.,similarity:Contains 1 SWIRM domain.,subunit:Component of a large chromatin remodeling complex, at least composed of MYSM1, PCAF, RBM10 and KIF11/TRIP5. Binds histones.,catalytic activity:Ubiquitin C-terminal thioester + H(2)O = ubiquitin + a thiol.,domain:Binds double-stranded DNA via the SANT domain. The SWIRM domain does not bind double-stranded DNA.,function:Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the peptidase M67A family. MYSM1 subfamily.,similarity:Contains 1 MPN (JAB/Mov34) domain.,similarity:Contains 1 SANT domain.,similarity:Contains 1 SWIRM domain.,subunit:Component of a large chromatin remodeling complex, at least composed of MYSM1, PCAF, RBM10 and KIF11/TRIP5. Binds histones.,

研究领域 (Research Area)

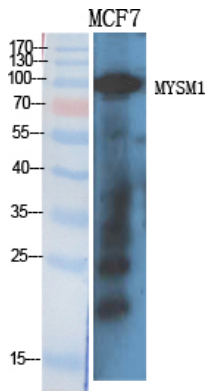
注意事项 (Note)

For research use only.

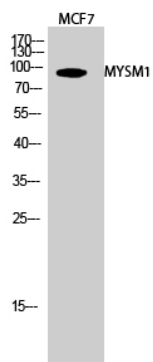
图片 (Image Data)



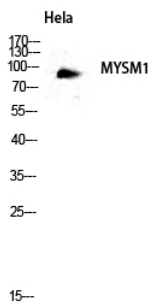
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MYSM1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using MYSM1 Polyclonal Antibody diluted at 1 : 2000.



Western Blot analysis of MCF7 cells using MYSM1 Polyclonal Antibody diluted at 1 : 2000.



Western blot analysis of Hela lysis using MYSM1 antibody. Antibody was diluted at 1:2000.

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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