

产品名称: EID-1 Rabbit Polyclonal Antibody

产品货号: APRab10358

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 1:200-1:1000,ELISA 1:5000-1:20000
分子量(Molecular Weight)	21kDa

抗原信息(Antigen Information)

基因名(Gene Name)	EID1 EID1; C15orf3; CRI1; RBP21; PNAS-22; PTD014; EP300-interacting inhibitor of differentiation
别名(Alternative Names)	1; 21 kDa pRb-associated protein; CREBBP/EP300 inhibitory protein 1; E1A-like inhibitor of differentiation 1; EID-1
基因 ID(Gene ID)	23741.0
SwissProt ID	Q9Y6B2
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human EID1. AA range:71-120

研究背景 (Background)

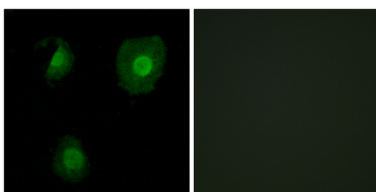
developmental stage: Expression decreased with development in ventricular tissue while remaining highly expressed in adult atrial tissue. In primary cultures of human skeletal myocytes, expression decreased during myogenic differentiation (at protein level), function: Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. May act as a candidate coinhibitory factor for NR0B2 that can be directly linked to transcription inhibitory mechanisms, induction: Down-regulated in differentiating U937 leukemia cells, miscellaneous: Inhibition of MYOD1 may be partly due to the ability of EID1 to bind and inhibit EP300 histone acetyltransferase activity, PTM: Ubiquitinated in U-2OS osteosarcoma cells and is rapidly degraded by proteasome as cells exit the cell cycle exit, subcellular location: May shuttle between nucleus and cytoplasm, subunit: Interacts via its LXCXE motif with the entire pocket region of RB1. Interacts with EP300, NR0B2 and TRIM27, tissue specificity: Widely expressed. Most abundantly expressed in heart, skeletal muscle, pancreas, brain and testis. Expressed at much lower levels in placenta and peripheral blood leukocyte. Barely detectable in lung. Also weakly expressed in lung carcinoma A549 and various leukemia cell lines, developmental stage: Expression decreased with development in ventricular tissue while remaining highly expressed in adult atrial tissue. In primary cultures of human skeletal myocytes, expression decreased during myogenic differentiation (at protein level), function: Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. May act as a candidate coinhibitory factor for NR0B2 that can be directly linked to transcription inhibitory mechanisms, induction: Down-regulated in differentiating U937 leukemia cells, miscellaneous: Inhibition of MYOD1 may be partly due to the ability of EID1 to bind and inhibit EP300 histone acetyltransferase activity, PTM: Ubiquitinated in U-2OS osteosarcoma cells and is rapidly degraded by proteasome as cells exit the cell cycle exit, subcellular location: May shuttle between nucleus and cytoplasm, subunit: Interacts via its LXCXE motif with the entire pocket region of RB1. Interacts with EP300, NR0B2 and TRIM27, tissue specificity: Widely expressed. Most abundantly expressed in heart, skeletal muscle, pancreas, brain and testis. Expressed at much lower levels in placenta and peripheral blood leukocyte. Barely detectable in lung. Also weakly expressed in lung carcinoma A549 and various leukemia cell lines,

研究领域 (Research Area)

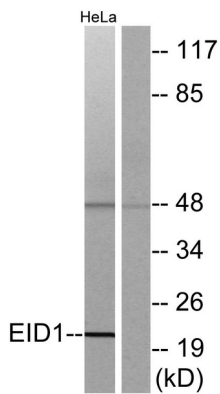
注意事项 (Note)

For research use only.

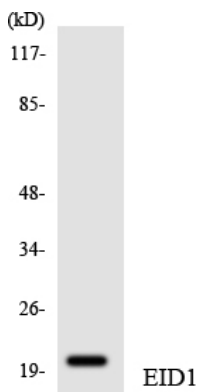
图片 (Image Data)



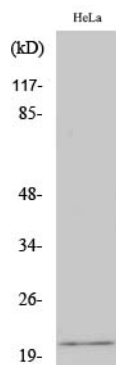
Immunofluorescence analysis of A549 cells, using EID1 Antibody. The picture on the right is blocked with the synthesized peptide.



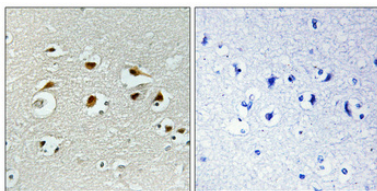
Western blot analysis of lysates from HeLa cells, using EID1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using EID1 antibody.



Western Blot analysis of various cells using EID-1 Polyclonal Antibody



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°, overnight). High-pressure and temperature Tris-EDTA, pH 8.0 was used for antigen retrieval. Negative control (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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