

产品名称: EID-1 Rabbit Polyclonal Antibody
产品货号: AP Rab10358



产品概述 (Summary)

产品名称 (Production Name)	EID-1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

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
蛋白分子量 (Molecular Weight)	21kDa

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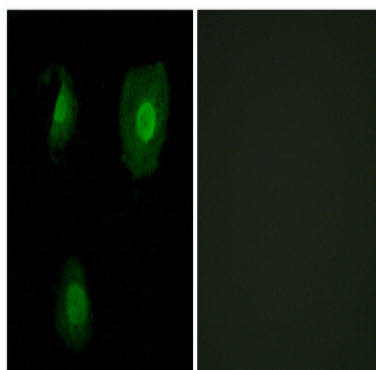
研究背景 (Background)

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.,

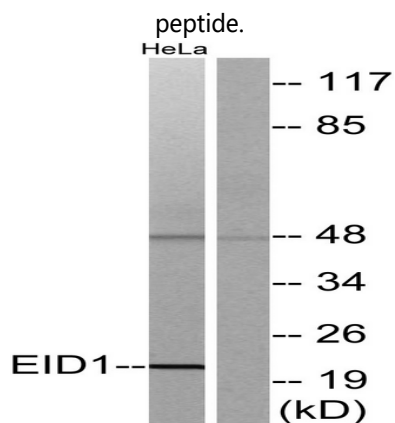
研究领域 (Research Area)

图片 (Image Data)

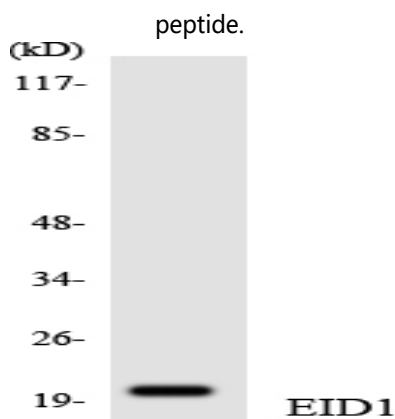
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Immunofluorescence analysis of A549 cells, using EID1 Antibody. The picture on the right is blocked with the synthesized peptide.

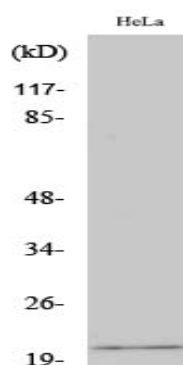


Western blot analysis of lysates from HeLa cells, using EID1 Antibody. The lane on the right is blocked with the synthesized peptide.

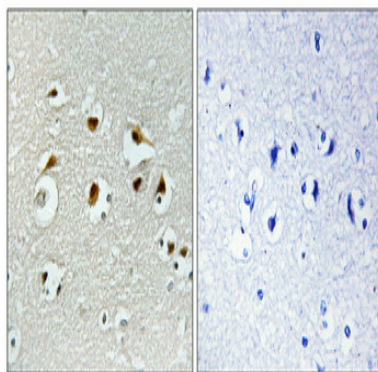


Western blot analysis of the lysates from HUVEC cells using EID1 antibody.

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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.

注意事项 (Note)

For research use only .