

EID-1 Polyclonal Antibody

Catalog # AP69685

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9Y6B2
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20876

Additional Information

Gene ID	23741
Other Names	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
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

Name	EID1 {ECO:0000312 EMBL:AAI14947.1}
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.
Cellular Location	Nucleus. Cytoplasm. Note=May shuttle between nucleus and cytoplasm. {ECO:0000250 UniProtKB:Q9DCR4, ECO:0000269 PubMed:11223246}
Tissue Location	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 A-549 and various leukemia cell lines.

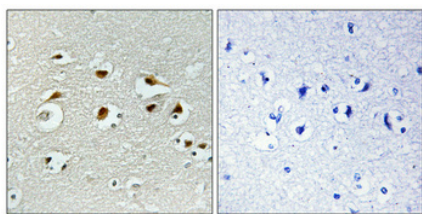
Background

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.

Images



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,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.