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Anti-EID1 Antibody

Catalog # ABV11961

Product Information

Application	WB, IHC
Primary Accession	Q9Y6B2
Reactivity	Human
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	20876

Additional Information

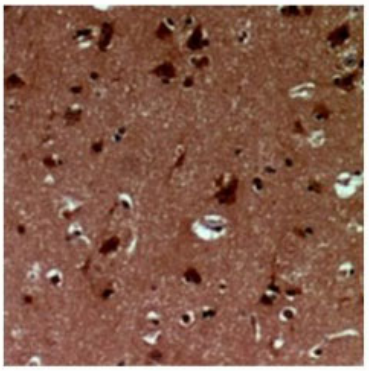
Gene ID	23741
Positive Control	WB: PC3, HeLa, HCT116 cell lysate; IHC: human brain tissue; IF: HeLa cells
Application & Usage	WB; 1:500 – 1:2000, IH; 1:100 – 1:200, IF/IC; 1:100 – 1:500
Other Names	C15orf3, CRI1, RBP21, EP300-interacting inhibitor of differentiation 1, 21 kDa pRb-associated protein, CREBBP/EP300 inhibitory protein 1, E1A-like inhibitor of differentiation 1, EID-1
Target/Specificity	EID1
Antibody Form	Liquid
Appearance	Colorless liquid
Handling	The antibody solution should be gently mixed before use
Reconstitution & Storage	-20°C
Background Descriptions	
Precautions	Anti-EID1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

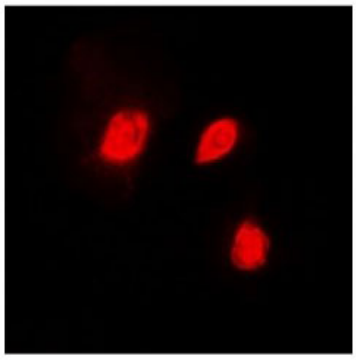
Name	EID1 {ECO:0000312|EMBL:AAI14947.1}
Function	Interacts with RB1 and EP300 and acts as a repressor of MYOD1 transactivation. Inhibits EP300 and CBP histone acetyltransferase activity. May be involved in coupling cell cycle exit to the transcriptional activation of genes required for cellular differentiation. 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.

Images



Immunohistochemical analysis of EID1 staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of EID1 staining in HeLa cells