

For Research Use Only

EID1 Polyclonal antibody

Catalog Number: 11734-1-AP

4 Publications



Basic Information

Catalog Number: 11734-1-AP	GenBank Accession Number: BC024151	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23741	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9Y6B2	
Isotype: IgG	Full Name: EP300 interacting inhibitor of differentiation 1	
Immunogen Catalog Number: AG2336	Calculated MW: 187 aa, 21 kDa	
	Observed MW: 20-30 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HT-1080 cells, U-937 cells
Cited Applications: WB, IHC	IHC : human breast cancer tissue,
Species Specificity: human	IF/ICC : HepG2 cells,
Cited Species: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

EID1(EP300 interacting inhibitor of differentiation 1) is a member of the EID protein family, which regulates differentiation, transcription and acetyltransferase activity. EID1 function was originally identified as a transcriptional repressor which regulates cell cycle and differentiation, and leads to genome inactivation and instability by interacting with E3 ubiquitin ligase MDM2. EID1 is mainly located in the cytoplasm. It was translocated into the nuclei under stressed or pathological conditions such as AD patients and APP Tg mice brains. (PMID: 22186421, PMID: 31381951, PMID: 30926163).

Notable Publications

Author	Pubmed ID	Journal	Application
Hua Liao	21873567	Mol Cell Proteomics	WB
Ying Li	35038162	Folia Histochem Cytobiol	WB,IHC
Yukiko Yoshida	25827227	Proc Natl Acad Sci U S A	WB

Storage

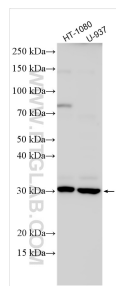
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1%BSA**

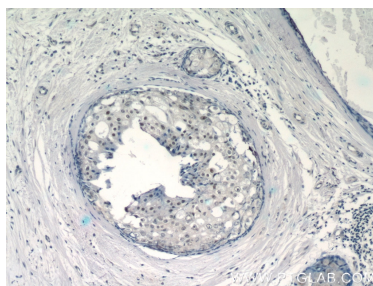
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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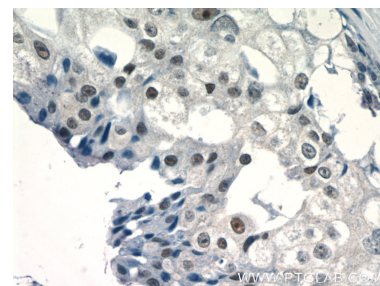
Selected Validation Data



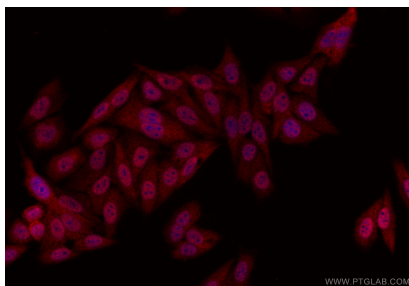
Various lysates were subjected to SDS PAGE followed by western blot with 11734-1-AP (EID1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11734-1-AP (EID1 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11734-1-AP (EID1 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using EID1 antibody (11734-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4).