



## p300 Antibody

E20-75692

**Catalog No:**E20-75692

**Applications:**WB,IHC-p,ELISA

**Reactivity:**Human,Mouse,Rat

**Gene Name:**EP300

**Protein Name:**Histone acetyltransferase p300

**Human Gene Id:**2033

**Human Swiss Prot No:**Q09472

**Mouse Swiss Prot No:**B2RWS6

**Immunogen:**Synthesized peptide derived from the Internal region of human p300.

**Specificity:**p300 Polyclonal Antibody detects endogenous levels of p300 protein.

**Formulation:**Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

**Source:**Rabbit

**Dilution:**IF: 1:50-200 Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000.

Not yet tested in other applications.

**Purification:**The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration:**1 mg/ml

**Storage Stability:**-20°C/1 year

**Other Names:**EP300; P300; Histone acetyltransferase p300; p300 HAT; E1A-associated protein p300

**Molecular Weight (Da):**264161

**Observed Band (KD):**300

**Background:**E1A binding protein p300(EP300) Homo sapiens This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein.

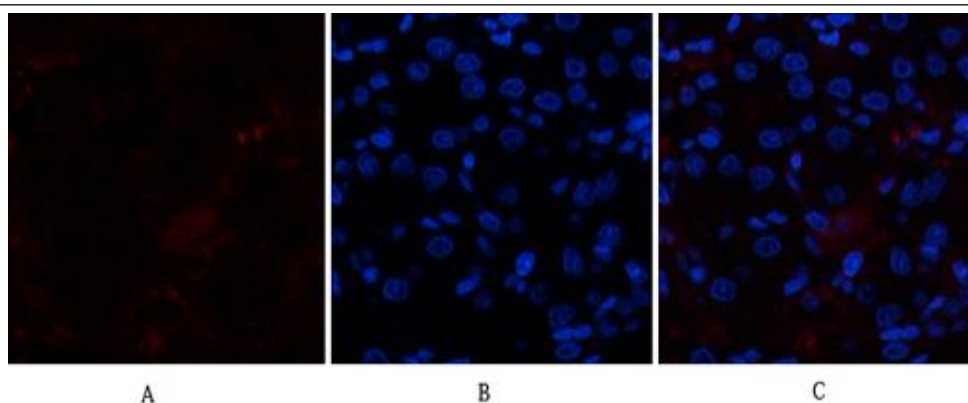
**Function:**catalytic activity:Acetyl-CoA + histone = CoA + acetylhistone.,disease:Chromosomal aberrations involving EP300 may be a cause of acute myeloid leukemias.

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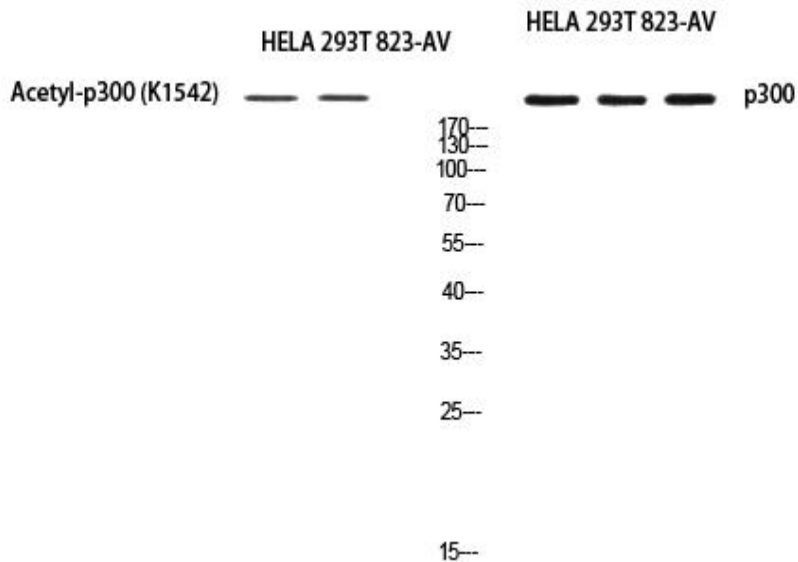
Translocation t(8;22)(p11;q13) with MYST3.,disease:Defects in EP300 are a cause of Rubinstein-Taybi syndrome (RSTS) [MIM:180849].

**Subcellular Location:**histone acetyltransferase complex, nucleus, nucleoplasm, transcription factor complex,cytoplasm.

**Expression:**Epithelium,Skin.



Immunofluorescence analysis of rat-kidney tissue. p300 Polyclonal Antibody (red) was diluted at 1:200(4°C,overnight). Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B.



Western blot analysis of HELA, 293T, 823-AV using P300 antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000.