

P300 Recombinant antibody

Cat:B16005L

Company: HaoKebio

Uniprot ID:Q09472

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human Mouse Rat

IHC-TSA:1:500-1:1000

Molecular Weight Calculation: 264 kDa

WB:1:1000

Observed Molecular Weight: 300 kDa

IP:1:20-1:50

FC:1:200-1:500

Background:

This gene encodes the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. It functions as histone acetyltransferase that regulates transcription via chromatin remodeling and is important in the processes of cell proliferation and differentiation. It mediates cAMP-gene regulation by binding specifically to phosphorylated CREB protein. This gene has also been identified as a co-activator of HIF1A (hypoxia-inducible factor 1 alpha), and thus plays a role in the stimulation of hypoxia-induced genes such as VEGF. Defects in this gene are a cause of Rubinstein-Taybi syndrome and may also play a role in epithelial cancer.

Synonyms:

p300; KAT3B; MKHK2; RSTS2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

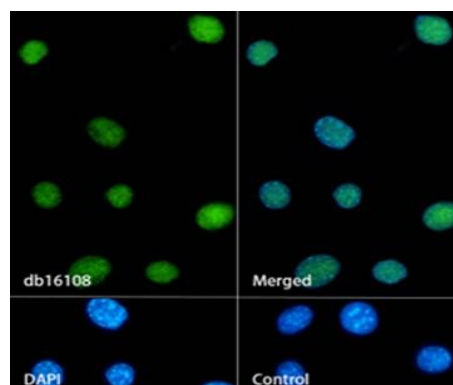
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: NIH/3T3 cells, 4% PFA 12-24h

Source of Reagents:

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发表[英文论文]请标注:P300(B16005L) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.