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EP300 Rabbit pAb

Catalog No.: A24352

Basic Information

Observed MW
Refer to figures

Calculated MW
264kDa

Category
Primary antibody

Applications
IHC-P,ELISA

Cross-Reactivity
Mouse, Rat

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.

Recommended Dilutions

IHC-P   1:50 - 1:200

ELISA   Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID   **Swiss Prot**
2033   Q09472

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
p300; KAT3B; MKHK2; RSTS2; EP300

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source   **Isotype**   **Purification**
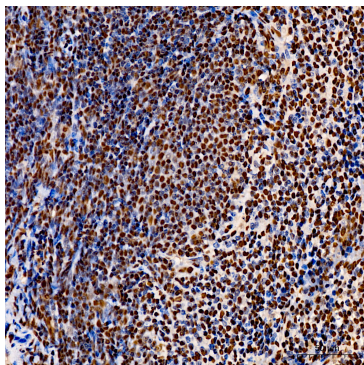Rabbit   IgG   Affinity purification
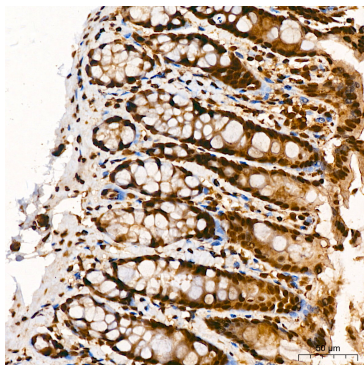
Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using EP300 Rabbit pAb (A24352) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using EP300 Rabbit pAb (A24352) at a dilution of 1:100 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.