

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

EP300 RABBIT PAB

货号: S220524 产品全名: EP300 兔多抗 基因符号 p300; KAT3B; RSTS2

UNIPROT ID: Q09472 (Gene Accession - NP_001420)

背景: 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 HIFIA (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.

抗原: Synthetic peptide of human EP300

经过测试的应用: ELISA, IHC

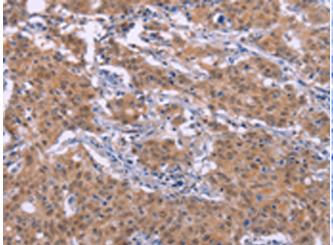
推荐稀释比: IHC: 25-100; ELISA: 1000-2000

种属反应性: Rabbit 克隆性: Rabbit Polyclonal

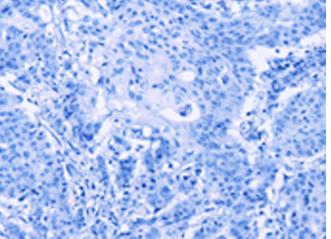
亚型: Immunogen-specific rabbit IgG 纯化: Antigen affinity purification 种属反应性: Human, Mouse

成分: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol 研究领域: Epigenetics and Nuclear Signaling, Cancer, Cardiovascular, Metabolism, Signal Transduction

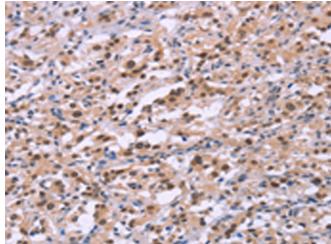
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human gasrtic cancer tissue using 220524(EP300 Antibody) at a dilution of 1/20(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human gasrtic cancer tissue is first treated with the synthetic peptide and then with 220524(Anti-EP300 Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffinembedded Human thyroid cancer tissue using 220524(Anti-EP300 Antibody) at a dilution of 1/20.

In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with synthetic peptide and then with D261648(Anti-EP300 Antibody) at dilution 1/20.



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