

CLOCK RABBIT PAB

货号: S222361

产品全名: CLOCK 兔多抗

基因符号: KAT13D; bHLHe8

UNIPROT ID: O15516 (Gene Accession - NP_004889)

背景: The protein encoded by this gene plays a central role in the regulation of circadian rhythms. The protein encodes a transcription factor of the basic helix-loop-helix (bHLH) family and contains DNA binding histone acetyltransferase activity. The encoded protein forms a heterodimer with ARNTL (BMAL1) that binds E-box enhancer elements upstream of Period (PER1, PER2, PER3) and Cryptochrome (CRY1, CRY2) genes and activates transcription of these genes. PER and CRY proteins heterodimerize and repress their own transcription by interacting in a feedback loop with CLOCK/ARNTL complexes. Polymorphisms in this gene may be associated with behavioral changes in certain populations and with obesity and metabolic syndrome. Alternative splicing results in multiple transcript variants.

抗原: Synthetic peptide of human CLOCK

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 100-300; ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

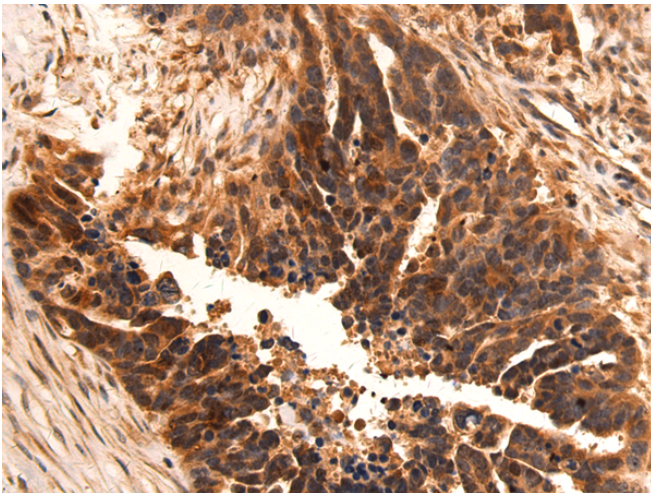
纯化: Antigen affinity purification

种属反应性: Human, Mouse, Rat

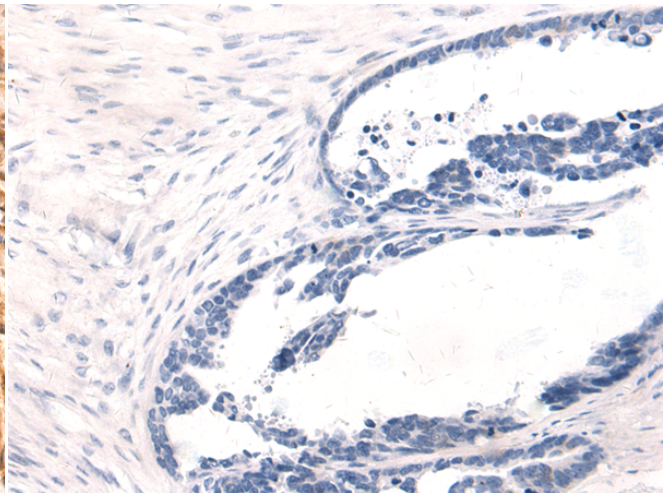
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Neuroscience, Metabolism, Epigenetics and Nuclear Signaling, Cardiovascular

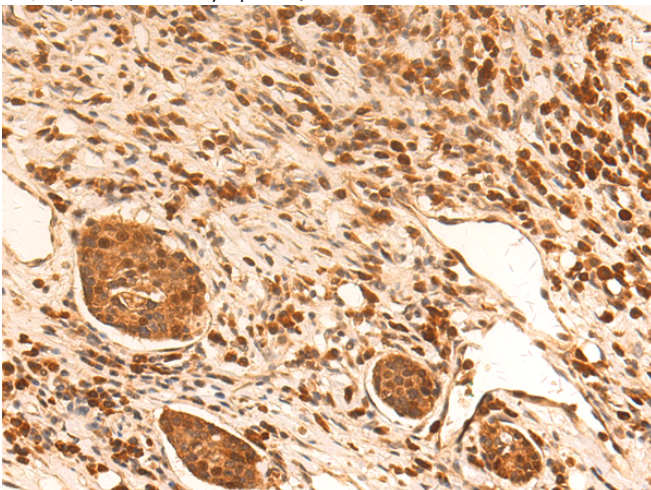
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



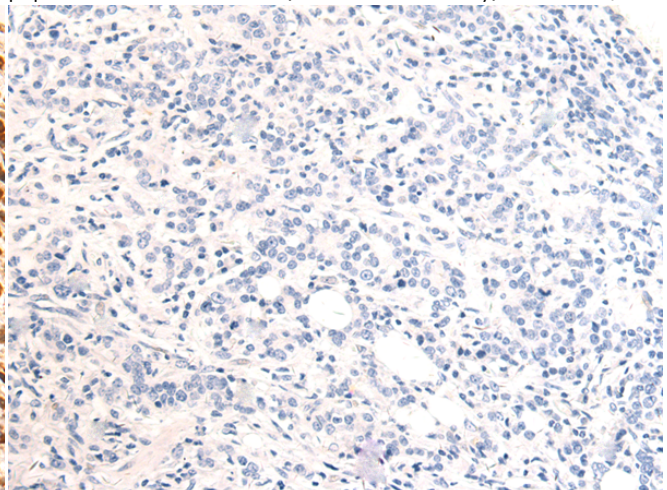
Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 222361(CLOCK Antibody) at a dilution of 1/65(Nucleus and Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the synthetic peptide and then with 222361(Anti-CLOCK Antibody) at dilution 1/65.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 222361(Anti-CLOCK Antibody) at a dilution of 1/65.



In comparison with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D264473(Anti-CLOCK Antibody) at dilution 1/65.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
