

SETD7 RABBIT PAB

货号: S217505

产品全名: SETD7 兔多抗

基因符号: KMT7; SET7; SET9; SET7/9

UNIPROT ID: Q8WTS6 (Gene Accession - BC121055)

背景: The methylation of histones plays a pivotal role in the regulation of chromatin structure and gene expression. Histone methylation can occur on Arg or Lys residues, with an exquisite site selectivity for Lys methylation at specific positions in the N-termini of histones H3 and H4. SET7/9, a histone methyltransferase (HMTase), which transfers methyl groups to Lys4 of histone H3, forms a complex with S-adenosyl-L-methionine. This complex contains an active site consisting of a binding pocket where an AdoMet molecule in an unusual conformation binds, a narrow substrate-specific channel that only unmethylated lysine residues can access and a catalytic tyrosine residue.

抗原: Fusion protein of human SETD7

经过测试的应用: ELISA, IHC

推荐稀释比: IHC: 50-200; ELISA: 2000-5000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

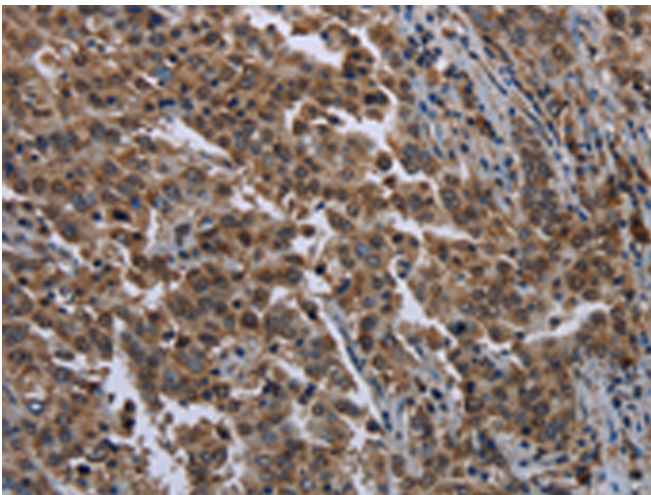
纯化: Antigen affinity purification

种属反应性: Human, Mouse

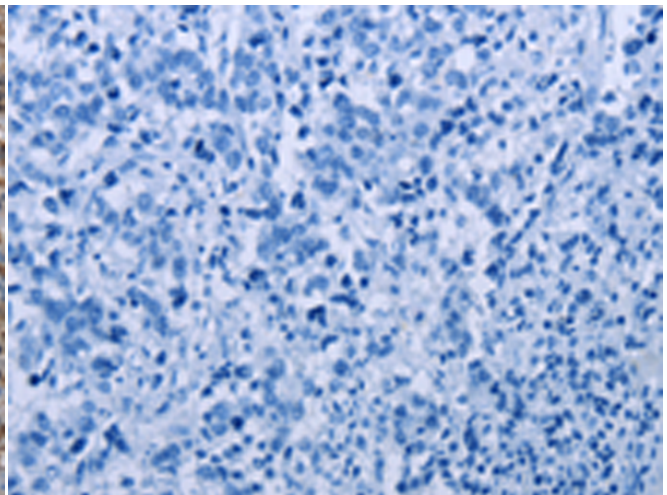
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Epigenetics and Nuclear Signaling

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



Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217505 (SETD7 Antibody) at a dilution of 1/20 (Nucleus and Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217505 (Anti-SETD7 Antibody) at dilution 1/20.