

DNMT1 RABBIT PAB

Cat.#: S219746

Product Name: Anti-DNMT1 Rabbit Polyclonal Antibody

Synonyms: AIM, DNMT, MCMT, CXXC9, HSNIE

UNIPROT ID: P26358 (Gene Accession - NP_001370)

Background: DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

Immunogen: Synthetic peptide of human DNMT1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 500-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

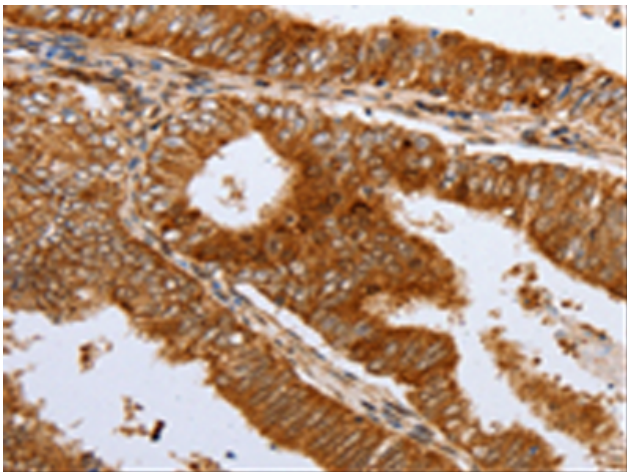
Purification: Antigen affinity purification

Species Reactivity: Human

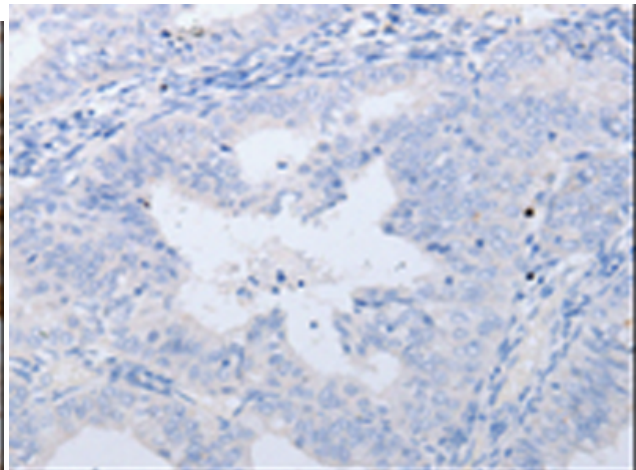
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219746(DNMT1 Antibody) at a dilution of 1/12(Cytoplasm, Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 219746(Anti-DNMT1 Antibody) at dilution 1/12.