Product datasheet for TA323184

DNMT1 Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human cervical cancer Predicted cell location: Cytoplasm, Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 637-650 amino acids of Human DNA (cytosine-5)-methyltransferase 1
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	DNA (cytosine-5-)-methyltransferase 1
Database Link:	NP_001370 Entrez Gene 1786 Human P26358
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.
Synonyms:	ADCADN; AIM; CXXC9; DNMT; HSN1E; m.Hsal; MCMT
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways: Cysteine and methionine metabolism, Metabolic pathways

Product images:
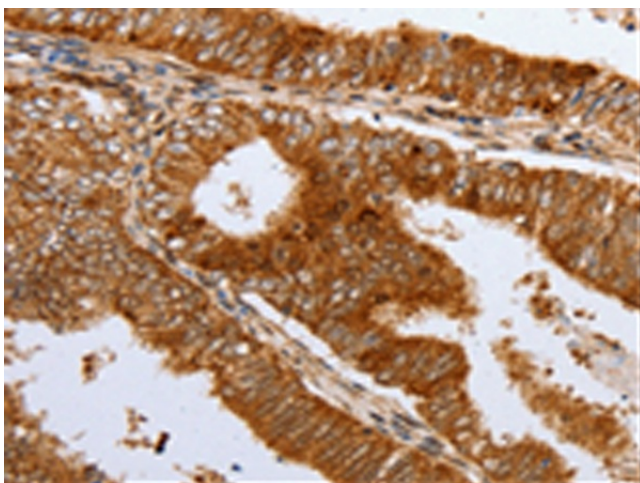
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323184 (DNMT1 Antibody) at dilution 1/12 (Original magnification: ×200)
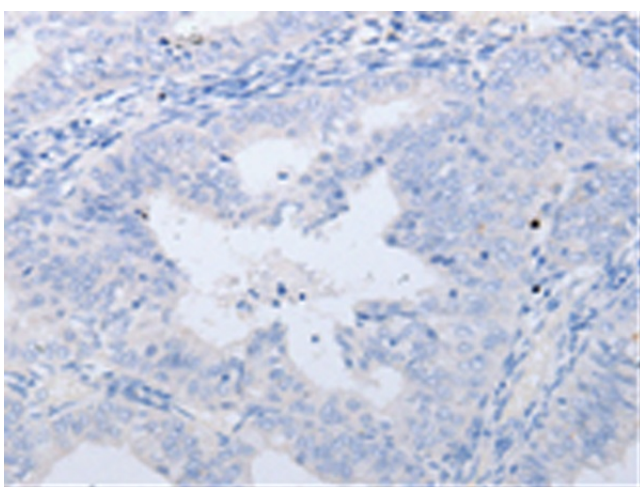
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323184 (DNMT1 Antibody) at dilution 1/12, treated with synthetic peptide. (Original magnification: ×200)