Product datasheet for TA372881S

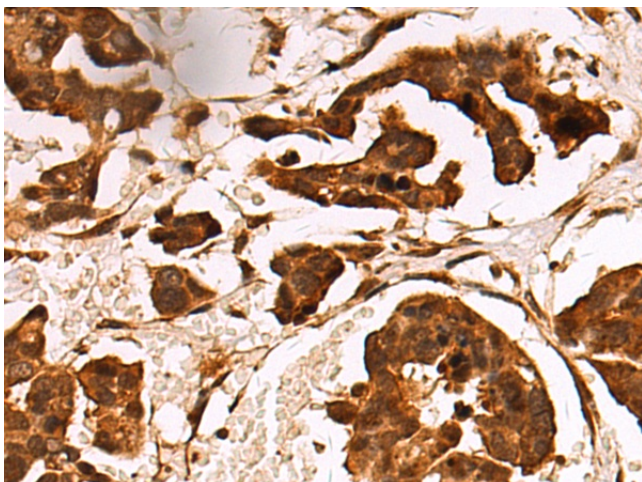## DNMT3B Rabbit Polyclonal Antibody

Product data:

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Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-100 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human DNMT3B
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	DNA (cytosine-5-)-methyltransferase 3 beta
Database Link:	Entrez Gene 1789 Human Q9UBC3
Background:	CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase which is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes primarily to the nucleus and its expression is developmentally regulated. Mutations in this gene cause the immunodeficiency-centromeric instability-facial anomalies (ICF) syndrome. Eight alternatively spliced transcript variants have been described. The full length sequences of variants 4 and 5 have not been determined.
Synonyms:	ICF; M.HsaIIIB

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Product images:

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA372881] (DNMT3B Antibody) at dilution 1/30 (Original magnification: ×200)
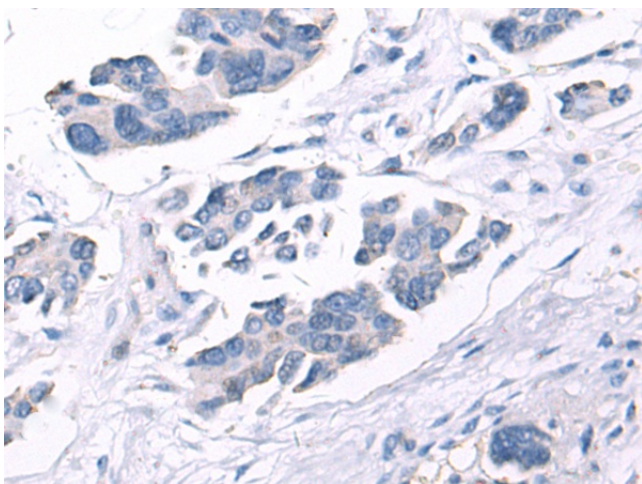
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA372881] (DNMT3B Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: ×200)