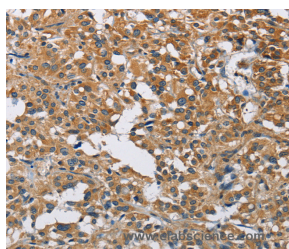


DNMT3A Polyclonal Antibody

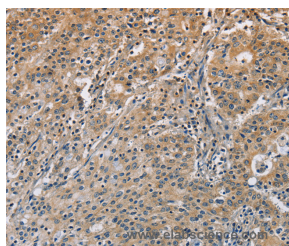
Catalog No.	E-AB-14623	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC,ELISA	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using DNMT3A Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using DNMT3A Polyclonal Antibody at dilution 1:50

Immunogen Information

Immunogen	Recombinant protein of human DNMT3A
Gene Accession	BC043617
Swissprot	Q9Y6K1
Synonyms	DNMT3A2,M.HsaIIIA

Product Information

Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4
Purify	Affinity purification
Dilution	IHC 1:50-1:200

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 that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated. Alternative splicing results in multiple transcript variants encoding different isoforms.