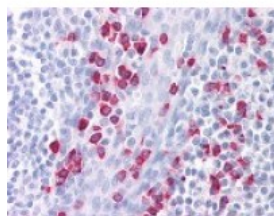




DNMT3L Antibody

CATALOG NUMBER: 49-665



Immunohistochemistry staining of
DNMT3L in tonsil tissue using DNMT3L
Antibody.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC
APPLICATIONS:	DNMT3L antibody can be used in ELISA, Western Blot starting at 1:1000, immunohistochemistry starting at 1.25 ug/mL, immunocytochemistry, and immunoprecipitation.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	DNMT3L antibody was raised against amino acids 322 to 337 of DNMT3L (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Protein G Column
PHYSICAL STATE:	Liquid
BUFFER:	PBS, 0.1% sodium azide.
STORAGE CONDITIONS:	DNMT3L antibody should be stored long term (months) at -20 °C and short term (weeks) at 4 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	DNMT3L
ACCESSION NO.:	Q9UJW3
PROTEIN GI NO.:	334302913
OFFICIAL SYMBOL:	DNMT3L
GENE ID:	29947

Background

BACKGROUND: DNA cytosine-5-methyltransferase-3 proteins are involved in de novo methylation of CpG islands. Mutations in

the DNMT3B gene cause the ICF immunodeficiency syndrome. DNA methyltransferases and regulatory factors are likely to be involved in the establishment of maternal imprints in growing diplotene oocytes and paternal imprints in perinatal prospermatogonia. Imprinting is essential for viable development. Expression of the DNMT3L mRNA was not detectable by Northern blotting; however, RT-PCR amplification revealed that it is expressed at low levels in several tissues including testis, ovary, and thymus.

FOR RESEARCH USE ONLY

December 13, 2016