

Datasheet for ABIN7150112
anti-DNMT3A antibody (AA 680-902)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	DNMT3A
Binding Specificity:	AA 680-902
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DNMT3A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human DNA (cytosine-5)-methyltransferase 3A protein (680-902AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DNMT3A
Alternative Name:	DNMT3A (DNMT3A Products)
Background:	Background: Required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is

Target Details

coordinated with methylation of histones. It modifies DNA in a non-processive manner and also methylates non-CpG sites. May preferentially methylate DNA linker between 2 nucleosomal cores and is inhibited by histone H1. Plays a role in paternal and maternal imprinting. Required for methylation of most imprinted loci in germ cells. Acts as a transcriptional corepressor for ZNF238. Can actively repress transcription through the recruitment of HDAC activity

Aliases: DNA (cytosine 5) methyltransferase 3 alpha antibody, DNA (cytosine 5) methyltransferase 3A antibody, DNA (cytosine-5)-methyltransferase 3A antibody, DNA cytosine methyltransferase 3A2 antibody, DNA methyltransferase 3 alpha antibody, DNA methyltransferase 3a antibody, DNA methyltransferase HsaIIIA antibody, DNA MTase HsaIIIA antibody, DNMT3A_HUMAN antibody, DNMT 3a antibody, DNMT antibody, Dnmt3a antibody, DNMT3A2 antibody, M.HsaIIIA antibody, MCMT antibody, OTTHUMP00000201149 antibody, TBRS antibody

UniProt: [Q9Y6K1](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

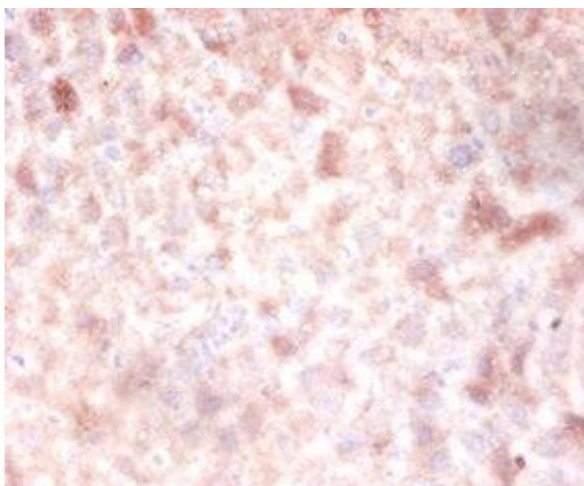
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

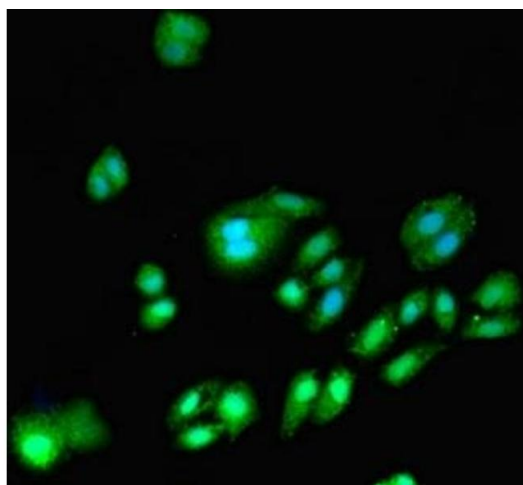
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse liver tissue using ABIN7150112 at dilution of 1:100



Immunofluorescence

Image 2. Immunofluorescent analysis of HepG2 cells using ABIN7150112 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)