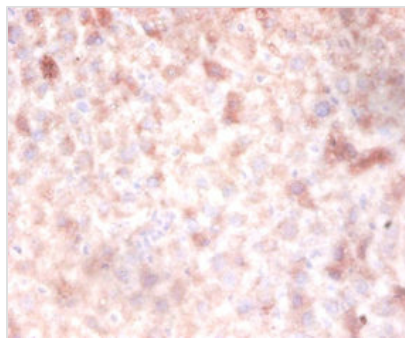


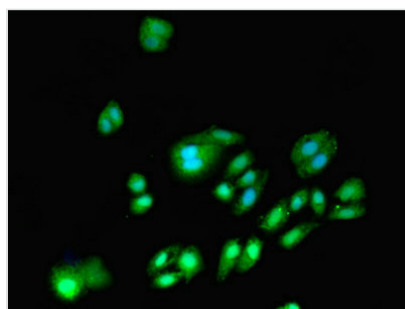


DNMT3A Antibody

Product Code	CSB-PA007083LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9Y6K1
Immunogen	Recombinant Human DNA (cytosine-5)-methyltransferase 3A protein (680-902AA)
Raised In	Rabbit
Species Reactivity	Human, Mouse
Tested Applications	ELISA, IHC, IF; Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200
Relevance	Required for genome-wide de novo methylation and is essential for the establishment of DNA methylation patterns during development. DNA methylation is 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
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	DNA (cytosine-5)-methyltransferase 3A (Dnmt3a) (EC 2.1.1.37) (DNA methyltransferase HsaIIIA) (DNA MTase HsaIIIA) (M.HsaIIIA), DNMT3A
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	DNMT3A
Image	



Immunohistochemistry of paraffin-embedded
Mouse liver tissue using CSB-PA007083la01HU
at dilution of 1:100



Immunofluorescent analysis of HepG2 cells
using CSB-PA007083LA01HU at dilution of
1:100 and Alexa Fluor 488-conjugated
AffiniPure Goat Anti-Rabbit IgG(H+L)