Product Datasheet

DNMT3B antibody

Catalog No: #38488

Package Size: #38488-1 50ul #38488-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	DNMT3B antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total DNMT3B protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human DNMT3B
Target Name	DNMT3B
Other Names	DNMT3B;ICF;ICF1;M.HsaIIIB
Accession No.	Uniprot:Q9UBC3GeneID:1789
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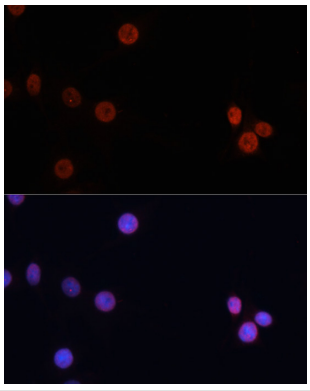
GeneID	1789
SDS-PAGE MW	110kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

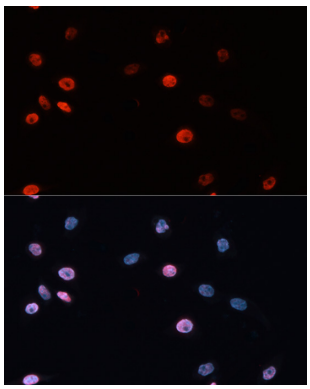
Application Details

WB□1:200 - 1:1000IF□1:50 - 1:200

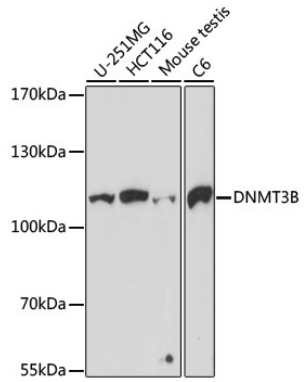
Images



Immunofluorescence analysis of C6 cells using DNMT3B Rabbit pAb.



Immunofluorescence analysis of HeLa cells using DNMT3B Rabbit pAb.



Western blot analysis of extracts of various cell lines, using DNMT3B antibody.

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.

Note: This product is for in vitro research use only