

Dnmt1 antibody

Catalog No: #38665

Package Size: #38665-1 50ul #38665-2 100ul

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

Description

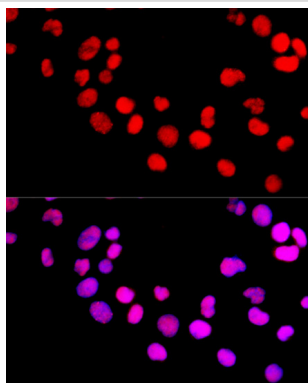
Product Name	Dnmt1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total Dnmt1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human Dnmt1.
Target Name	Dnmt1
Other Names	AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN;
Accession No.	Swiss-Prot#: P26358NCBI Gene ID: 1786
SDS-PAGE MW	183kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

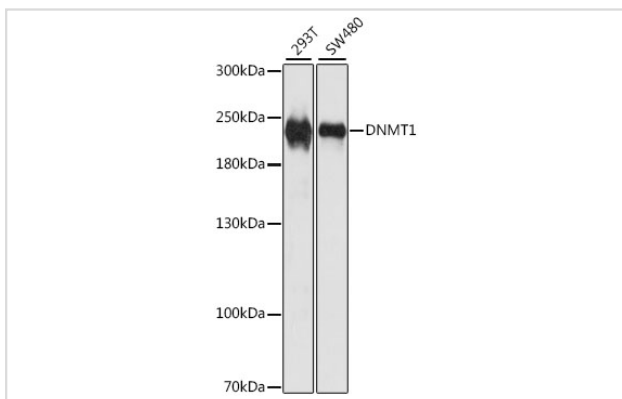
Western blotting: □1:500 - 1:2000

Immunofluorescence: □1:50 - 1:200

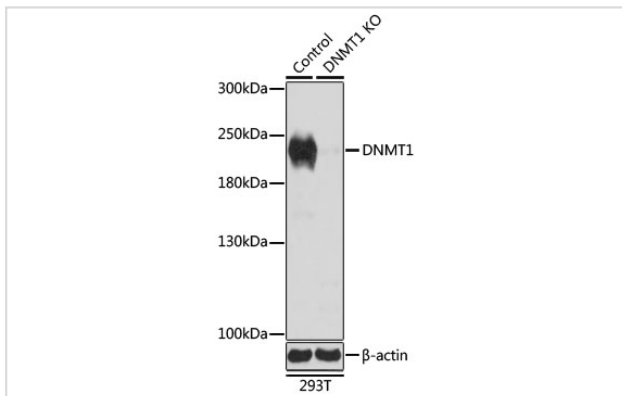
Images



Immunofluorescence analysis of 293T cells using DNMT1 antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using DNMT1 antibody at 1:1000 dilution.



Western blot analysis of extracts from normal (control) and DNMT1 knockout (KO) 293T cells, using DNMT1 antibody at 1:1000 dilution.

Background

DNA (cytosine-5-)-methyltransferase 1 has a role in the establishment and regulation of tissue-specific patterns of methylated cytosine residues. Aberrant methylation patterns are associated with certain human tumors and developmental abnormalities. Two transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.