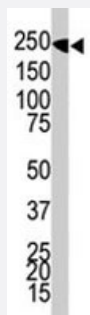


DNMT1 polyclonal antibody

Catalog # PAB1833

Size 400 uL

Applications



Western Blot (Cell lysate)

The DNMT1 polyclonal antibody (Cat # PAB1833) is used in Western blot to detect DNMT1 in Jurkat cell lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of DNMT1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human DNMT1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — DNMT1

Entrez GeneID	1786
Protein Accession#	NP_001370:P26358
Gene Name	DNMT1
Gene Alias	AIM, CXXC9, DNMT, FLJ16293, MCMT, MGC104992
Gene Description	DNA (cytosine-5-)-methyltransferase 1
Omim ID	126375
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	CXXC finger protein 9 DNA methyltransferase 1

Publication Reference

- [Epigenetic mechanisms of age-dependent KIR2DL4 expression in T cells.](#)

Li G, Weyand CM, Goronzy JJ.

Journal of Leukocyte Biology 2008 Jun; 84(3):824.

Pathway

- [Cysteine and methionine metabolism](#)
- [Metabolic pathways](#)

Disease

- [Arsenic Poisoning](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Colorectal Neoplasms](#)
- [Cues](#)
- [DNA Damage](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Satiety Response](#)
- [Spinal Dysraphism](#)
- [Stomach Neoplasms](#)