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Datasheet

Dnmt1 polyclonal antibody

Catalog Number: PAB15590

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against partial recombinant Dnmt1.

Immunogen: Recombinant protein corresponding to amino acids 1-248 mouse Dnmt1.

Host: Rabbit

Reactivity: Frog,Human,Mouse

Applications: IF, IP, WB, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody reacts with Dnmt1.

Form: Liquid

Recommend Usage: Western Blot (0.2-1 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In antiserum (0.05% sodium azide)

Storage Instruction: Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 13433

Gene Symbol: Dnmt1

Gene Alias: Cxxc9, Dnmt, Dnmt1o, MTase, Met-1, Met1, MommeD2

References:

1. The SRA protein Np95 mediates epigenetic inheritance by recruiting Dnmt1 to methylated DNA. Sharif J, Muto M, Takebayashi S, Suetake I, Iwamatsu A, Endo TA, Shinga J, Mizutani-Koseki Y, Toyoda T, Okamura K, Tajima S, Mitsuya K, Okano M, Koseki H. Nature. 2007 Dec 6;450(7171):908-12. Epub 2007 Nov 11.
2. DNMT1 and DNMT3b cooperate to silence genes in human cancer cells. Rhee I, Bachman KE, Park BH, Jair KW, Yen RW, Schuebel KE, Cui H, Feinberg AP, Lengauer C, Kinzler KW, Baylin SB, Vogelstein B. Nature. 2002 Apr 4;416(6880):552-6.
3. Methyltransferase recruitment and DNA hypermethylation of target promoters by an oncogenic transcription factor. Di Croce L, Raker VA, Corsaro M, Fazi F, Fanelli M, Faretta M, Fuks F, Lo Coco F, Kouzarides T, Nervi C, Minucci S, Pelicci PG. Science. 2002 Feb 8;295(5557):1079-82.