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Product datasheet for AP11072PU-N

Trdmt1 (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blot: 1/100~1/500. Immunohistochemistry: 1/50~1/100.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of mouse Dnmt2.
Specificity:	This antibody is specific to Dnmt2 (N-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tRNA aspartic acid methyltransferase 1
Database Link:	Entrez Gene 13434 Mouse O55055

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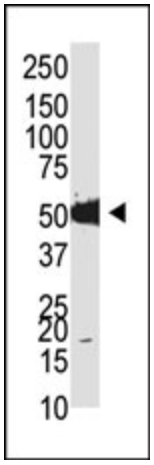
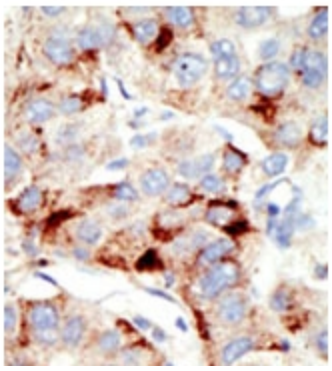
Background: mDnmt2 does not appear to be active as a DNA methyltransferase; however, its strong binding to DNA suggests that it may mark specific sequences in the genome by binding to DNA through the specific target-recognizing motif. mDnmt2 is strongly expressed in thymus, testis, and at much lower levels in spleen, lung, brain, heart, kidney, liver, skeletal muscle and embryonic stem cells. This protein belongs to the 5-cystosine methyltransferase family.

Synonyms: HsaIIP, PuMet

Product images:



Western blot analysis: Dnmt2 antibody staining of HL-60 cell lysate. Secondary HRP-anti-Rabbit was used for signal visualization with chemiluminescence.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.