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Datasheet for ABIN6243162 anti-DNMT3L antibody (C-Term)

Image



Overview

| Quantity: | 80 µL |
|----------------------|---------------------------------------|
| Target: | DNMT3L (TRDMT1) |
| Binding Specificity: | AA 383-417, C-Term |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DNMT3L antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | This Mouse Dnmt3I antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 383-417 amino acids from the C-terminal region of Mouse Dnmt3I. |
|---------------|---|
| Clone: | RB50995 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

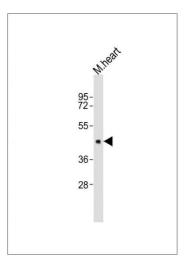
Target Details

| Target: | DNMT3L (TRDMT1) |
|-------------------|--|
| Alternative Name: | Dnmt3l (TRDMT1 Products) |
| Background: | Catalytically inactive regulatory factor of DNA methyltransferases. It is essential for the function |

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| Target Details | |
|---------------------|---|
| | of DNMT3A and DNMT3B. Activates DNMT3A and DNMT3B by binding to their catalytic domain. Accelerates the binding of DNA and AdoMet to the methyltransferases and dissociates from the complex after DNA binding to the methyltransferases. |
| Molecular Weight: | 47993 |
| UniProt: | Q9CWR8 |
| Application Details | |
| Application Notes: | WB: 1:2000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 6 months |

Images



Western Blotting

Image 1. Anti-Dnmt3l Antibody (C-term)at 1:2000 dilution + mouse heart lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 48 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

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