Datasheet for ABIN2798584

# anti-PRDM6 antibody (N-Term)

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## Overview

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| Quantity: | 400 µL |
| Target: | PRDM6 |
| Binding Specificity: | AA 44-72, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRDM6 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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| Purpose: | Rabbit Anti-Human PRDM6 (N-term) Antibody |
| Immunogen: | This PRDM6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-72 amino acids from the N-terminal region of human PRDM6. |
| Isotype: | Ig Fraction |

## Target Details

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| Target: | PRDM6 |
| Alternative Name: | PRDM6 (PRDM6 Products) |
| Background: | Target Description: Putative histone methyltransferase that acts as a transcriptional repressor of smooth muscle gene expression. Promotes the transition from differentiated to proliferative smooth muscle by suppressing differentiation and maintaining the proliferative potential of |

## Target Details

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| | vascular smooth muscle cells. Also plays a role in endothelial cells by inhibiting endothelial cell proliferation, survival and differentiation. It is unclear whether it has histone methyltransferase activity in vivo. According to some authors, it does not act as a histone methyltransferase by itself and represses transcription by recruiting EHMT2/G9a. According to others, it possesses histone methyltransferase activity when associated with other proteins and specifically methylates 'Lys-20' of histone H4 in vitro. 'Lys-20' methylation represents a specific tag for epigenetic transcriptional repression (By similarity).<br>Gene Symbol: PRDM6 |
| Molecular Weight: | 64452 Da |
| Gene ID: | 93166 |
| UniProt: | Q9NQX0 |
| Pathways: | Regulation of Muscle Cell Differentiation |

## Application Details

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| Application Notes: | Western Blot<br>Recommended Dilutions<br>WB: 1:1000PRDM6 Antibody (N-term) . |
| Restrictions: | For Research Use only |

## Handling

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|---|---|
| Format: | Liquid |
| Concentration: | 0.350 mg/mL |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | 2-8°C (short-term), -20°C (long-term) |