

Anti-PRDM16 Antibody

Catalog Number: M00782

About PRDM16

Binds DNA and functions as a transcriptional regulator. Functions in the differentiation of brown adipose tissue (BAT) which is specialized in dissipating chemical energy in the form of heat in response to cold or excess feeding while white adipose tissue (WAT) is specialized in the storage of excess energy and the control of systemic metabolism. Together with CEBPB, regulates the differentiation of myoblastic precursors into brown adipose cells. Functions also as a repressor of TGF-beta signaling. Isoform 4 may regulate granulocytes differentiation.

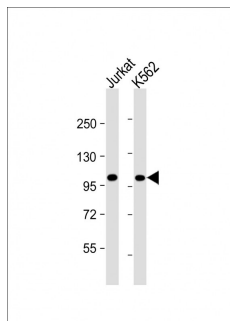
Overview

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|----------------------|--|
| Product Name | Anti-PRDM16 Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-PRDM16 Antibody (Catalog # M00782). Tested in WB application(s). This antibody reacts with Human. |
| Application | WB |
| Clonality | Monoclonal 174OCT793.52.44 |
| Formulation | Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Mouse |
| Uniprot ID | Q9HAZ2 |

Technical Details

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| Immunogen | This PRDM16 antibody is generated from a mouse immunized with a recombinant protein between 779-996 amino acids from PRDM16. |
| Predicted Reactive Species | Mouse |
| Isotype | IgG1,k |
| Purification | This antibody is purified through a protein G column, followed by dialysis against PBS. |
| Suggested Dilutions | WB: 1:4000 |

Anti-PRDM16 Antibody (M00782) Images



All lanes : Anti-PRDM16 Antibody at 1:4000 dilution
Lane 1: Jurkat whole cell lysate
Lane 2: K562 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 140 kDa
Blocking/Dilution buffer: 5% NFD/MTBST.

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Anti-PRDM16 Antibody

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