

DNAxPAb

Hard-to-Find
Antibody

PRDM16 DNAxPab

Catalog # H00063976-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human PRDM16 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence

MRSKARARKLAKSDGDVVNNMYEPNRDLLASHSAEDEAEDSAMSPIVGPPSPFPTSEDFTPK
EGSPYEAPVYIPEDIIPADFELRESSIPGAGLGWAKRKMEAGERLGPCVVVPRAAAKETDFGW
EQILTDEVSPQEGCITKISEDLGSEKFCVDANQAGAGSWLK YIRVACSCDDQNLTMQISEQIYY
KVIKDIEPGEELLVHVKEGVYPLGTVPGLDEEPTFRCDCEDELFSKLDLRRHKKYTCGSVGAA
LYEGLAEELKPEGLGGGSGQAHECKDCERMFNPKYSLEQHMV/IHTEEREYKCDQCPKAFNWKS
NLIRHQMSHDSGKRFECENCVKVFTDPSNLQRHIRSQHVGARAHACPDGKTFATSSGLKQHKH
IHSTVKPFICEVCHKSYTQFSNLCRHKRMHADCR TQICKKDCGQMFSTTSSLNKHRRFCEGKNHY
TPGGIFAPGLPLTPSPMMDKAKPSPSLNHASLGFNEYFSPRPHGSLPFSTAPPTFPALTPGFPGI
FPPSLYPRPPLL PPTSLLK SPLNHTQDAKLPSPLGNPALPLVSAVSNSSQGTAAAGPEEKFESR
LEDSCVEKLKTRSSDMSDGSDFEDVNTTTGTDLDTTGTGSDLDSDVSDPDKDKGKSAEG
QPKFGGGLAPPGAPNSVAEVPVFYSQHSFFPPPDEQLLTATGAAGDSIKAIASIAEKYFGPGFMG
MQEKKLGLSLPYHSAFPFQFLPNFPHSLYPFTDRALAHNLLVKAEPKSPRDALKVGGPSAECFPD
LTTKPKDVKPILPMPKGPSAPASGEEQPLDLSIGSRARASQNGG GREPRKNHVYGERKLGAGEG
LPQVCPARMPQQPPLHYAKPSPFFMDPIYRVEKRKVTDPVGALKEKYLRPSPLL FHPQMSAIETM
TEKLESFAAMKADSGSSLQPLPHHPFNFRSPPTLSDPILRKGKERYTCRYCGKIFPRSANLTRHL
RTHTGEQPYRCKYCDRSFSISSNLQRHVRNIHNKEKPFKCHLCNRCFGQQTNLDRHLKKHEHENA
PVSQHPGVLTNHLGTSASSPTSESDNHALLDEKEDSYFSEIRNFIANSEMNQASTRTEKRAMQI
VDGSAQCPGLASEKQEDVEEEDDDDDLEEDDED SLAGKSQDDTVSPAPEPQAAYEDEEDEEP
AASLAVGFDHTRRCAEDHEGGLLALEPMPTFGKGLDLRRAAEEAFEVKDVLNSTLDSEALKHTL
CRQAKNQGS LDAWLKVTGATSESGAFHPINHL

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PRDM16

Entrez GeneID [63976](#)**GeneBank Accession#** [BC168363.1](#)**Protein Accession#** [AA168363.1](#)**Gene Name** PRDM16**Gene Alias** KIAA1675, MEL1, MGC166915, PFM13**Gene Description** PR domain containing 16**Omim ID** [605557](#)**Gene Ontology** [Hyperlink](#)

Gene Summary The reciprocal translocation t(1;3)(p36;q21) occurs in a subset of myelodysplastic syndrome (MDS) and acute myeloid leukemia (AML). This gene is located near the 1p36.3 breakpoint and has been shown to be specifically expressed in the t(1;3)(p36,q21)-positive MDS/AML. The protein encoded by this gene is a zinc finger transcription factor and contains an N-terminal PR domain. The translocation results in the overexpression of a truncated version of this protein that lacks the PR domain, which may play an important role in the pathogenesis of MDS and AML. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]

Other Designations MDS1/EVI1-like|PR-domain zinc finger protein 16|transcription factor MEL1

Disease

- [Celiac Disease](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)