abcam

Product datasheet

Anti-PRDM14 antibody ab187881

★☆☆☆☆ **1 Abreviews**   **10 References**   4 Images

Overview

Product name	Anti-PRDM14 antibody
Description	Rabbit polyclonal to PRDM14
Host species	Rabbit
Tested applications	**Suitable for:** ICC/IF, ChIP, WB, IHC-P, IP
Species reactivity	**Reacts with:** Mouse, Rat, Human
Immunogen	Recombinant fragment corresponding to Human PRDM14. Database link: **Q9GZV8**

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 49% PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee	Our **Abpromise guarantee** covers the use of ab187881 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
ChIP		1/20 - 1/100.
WB		1/500 - 1/2000. Predicted molecular weight: 64 kDa.
IHC-P		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.

Target

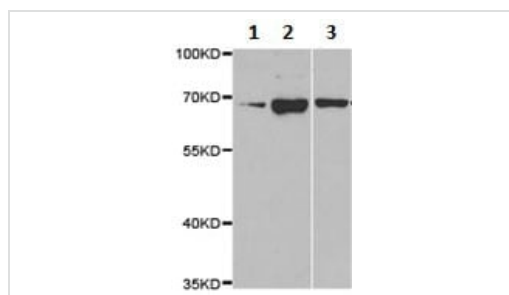|	
Function	May be involved in transcriptional regulation.
Sequence similarities	Contains 6 C2H2-type zinc fingers. Contains 1 SET domain.
Cellular localization	Nucleus.

Images

Immunocytochemistry/ Immunofluorescence - Anti-PRDM14 antibody (ab187881)
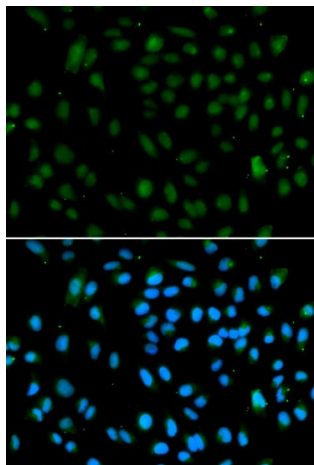
Immunocytochemistry/Immunofluorescence analysis of A549 cells using ab187881. Blue DAPI for nuclear staining.

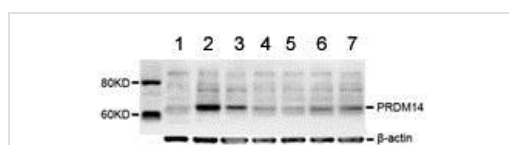Western blot - Anti-PRDM14 antibody (ab187881)

All lanes : Anti-PRDM14 antibody (ab187881) at 1/500 dilution

Lane 1 : BT474 cell extract

Lane 2 : Jurkat cell extract

Lane 3 : HeLa cell extract

Predicted band size: 64 kDa

Western blot - Anti-PRDM14 antibody (ab187881)

All lanes : Anti-PRDM14 antibody (ab187881) at 1/500 dilution

Lane 1 : shRNA-6

Lane 2 : Control

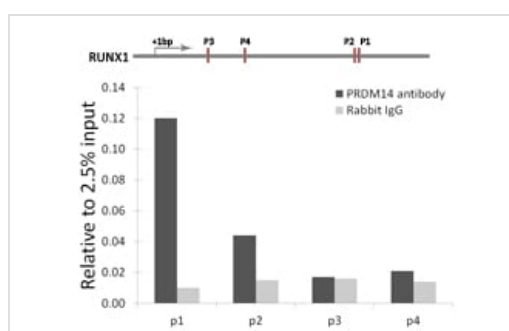**Lane 3 :** shRNA-5

Lane 4 : shRNA-4

Lane 5 : shRNA-3

Lane 6 : shRNA-2

Lane 7 : shRNA-1

Predicted band size: 64 kDa

Western blot analysis of various groups from PA-1 cell line. ShRNA-1, shRNA-2, shRNA-3, shRNA-4, shRNA-5, shRNA-6 show knock-down samples which are transfected by different shRNAs targeting PRDM14. Control represents the untreated one.

ChIP - Anti-PRDM14 antibody (ab187881)

Chromatin immunoprecipitation analysis of RUNX1 gene from 293 cell line, using ab187881 and rabbit IgG. P1, P2, P3 and P4 were four probes located on RUNX1 gene as the schematic diagram illustrated. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.

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