Prdm9 Rabbit pAb

Catalog NO.: A20428 **1 Publications**

Basic Information

Observed MW
Refer to figures

Calculated MW
97kDa

Category
Polyclonal Antibodies

Applications
IF-P, ELISA

Cross-Reactivity
Mouse, Rat

Conjugation
Unconjugated

Background

Enables DNA binding activity; histone-lysine N-methyltransferase activity; and protein homodimerization activity. Involved in several processes, including gamete generation; histone lysine methylation; and meiosis I. Acts upstream of or within several processes, including histone methylation; positive regulation of meiotic nuclear division; and positive regulation of transcription by RNA polymerase II. Located in chromatin and nucleus. Is expressed in embryo and head. Orthologous to human PRDM9 (PR/SET domain 9).

Recommended Dilutions

IF-P 1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
213389

Swiss Prot
Q96EQ9

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Rcr1; Dsbc1; repro7; Meisetz; PRDM9-B; G1-419-29; Prdm9

Contact

Product Information

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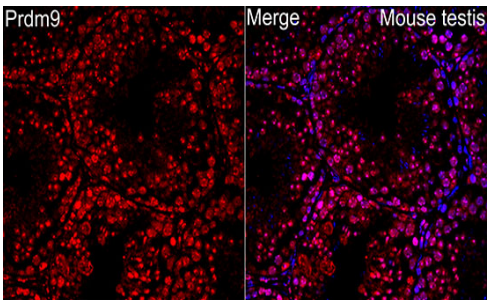
Source
Rabbit

Isotype
IgG

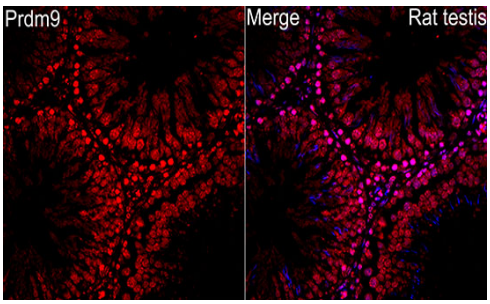
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Immunofluorescence analysis of mouse testis using Prdm9 Rabbit pAb (A20428) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of rat testis using Prdm9 Rabbit pAb (A20428) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

For research use only. Not for therapeutic or diagnostic purposes.

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