

# Rabbit anti-human PRDM14 Polyclonal Antibody

Catalog Number: R16058P

General Information	
<b>Immunogen</b>	Recombinant protein of human PRDM14
<b>IgG type</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Specificity</b>	Human PRDM14
<b>Applications &amp; dilution</b>	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:100 ChIP 1:20 - 1:100
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Purity</b>	≥95% purity by SDS-PAGE
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Abbreviation:</b> ELISA: Enzyme-linked immunosorbent assay; ITA: immunoturbidimetric assay; IP: immunoprecipitation; IHC: immunohistochemistry; IF: immunofluorescence. WB: western blot; FC: flowcytometry	

## Background

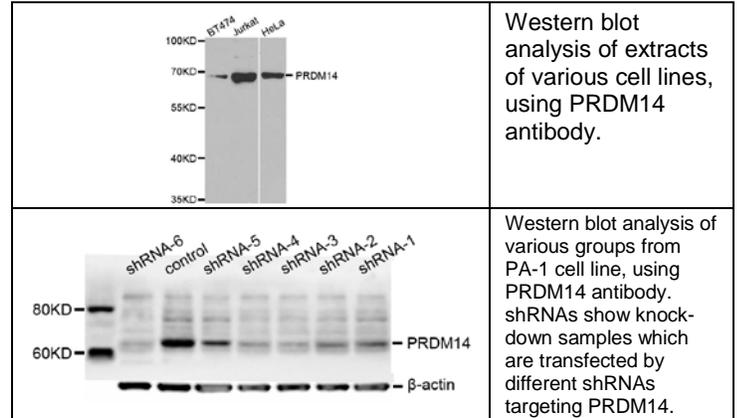
This gene encodes a member of the PRDI-BF1 and RIZ homology domain containing (PRDM) family of transcriptional regulators. The encoded protein may possess histone methyltransferase activity and plays a critical role in cell pluripotency by suppressing the expression of differentiation marker genes. Expression of this gene may play a role in breast cancer.

## Preparation

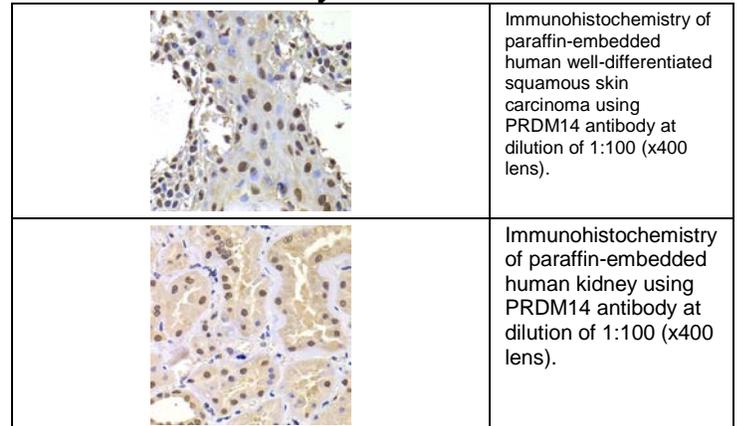
Polyclonal antibody is produced by immunizing rabbit with recombinant protein of human PRDM14 and purified using protein A resin.

## Applications

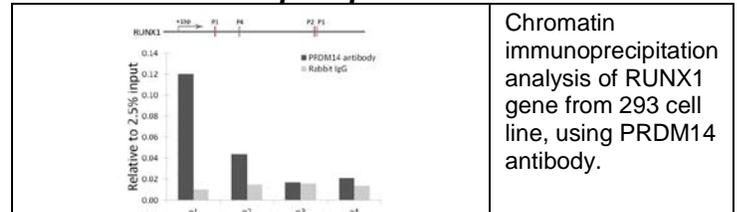
### Western blot



### Immunohistochemistry

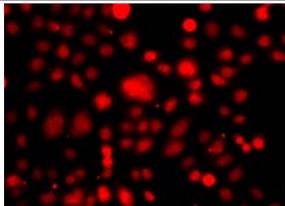
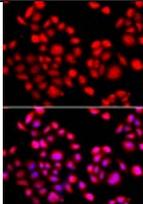


### Chromatin immunoprecipitation



**For research use only**

**Immunofluorescence**

	Immunofluorescence analysis of A549 cell using PRDM14 antibody.
	Immunofluorescence analysis of A549 cell using PRDM14 antibody. Blue: DAPI for nuclear staining.

**Storage**

This antibody is shipped at 4 °C. This product is stable for 12 months from date of receipt when stored at -20 °C to -70 °C. Avoid freeze/thaw cycles.

**Hazard/Biohazard**

This antibody contains 0.02% sodium azide as preservative. Please handle and dispose the product properly. No known biohazard is associated with this product.

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