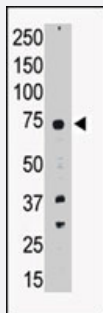


# PRDM14 polyclonal antibody

Catalog # PAB2396

Size 400 uL

## Applications



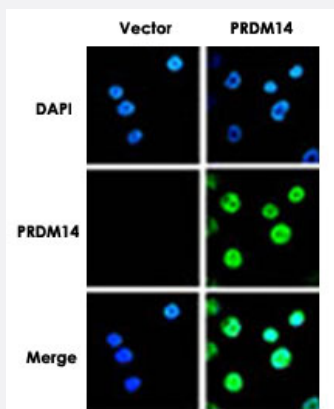
### Western Blot (Cell lysate)

Western blot analysis of PRDM14 polyclonal antibody (Cat # PAB2396) in A-549 cell lysate. PRDM14 (arrow) was detected using purified polyclonal antibody. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the PRDM14 polyclonal antibody (Cat # PAB2396), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



### Immunofluorescence

Immunofluorescence analysis of PRDM14 in breast cancer cells. SK-BR-3 cells were transfected with pCMV-Tag2A or pCMV-PRDM14 and then labeled with PRDM14 polyclonal antibody (Cat # PAB2396). The nucleus was stained with DAPI.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of PRDM14.
<b>Immunogen</b>	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human PRDM14.
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein G purification
<b>Recommend Usage</b>	Western Blot (1:1000) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.09% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — PRDM14

Entrez GeneID

[63978](#)

Protein Accession#	<a href="#">NP_078780:Q9GZV8</a>
Gene Name	PRDM14
Gene Alias	MGC59730, PFM11
Gene Description	PR domain containing 14
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The PR domain is a protein-protein interaction module of about 100 amino acids. PR domain-containing proteins, such as PRDM14, are often involved in transcriptional regulation (Jiang and Huang, 2000 [PubMed 10668202]).[supplied by OMIM]
Other Designations	PR-domain zinc finger protein 14

## Publication Reference

- [Gene amplification and overexpression of PRDM14 in breast cancers.](#)

Nishikawa N, Toyota M, Suzuki H, Honma T, Fujikane T, Ohmura T, Nishidate T, Ohe-Toyota M, Maruyama R, Sonoda T, Sasaki Y, Urano T, Imai K, Hirata K, Tokino T.

Cancer Research 2007 Oct; 67(20):9649.

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)