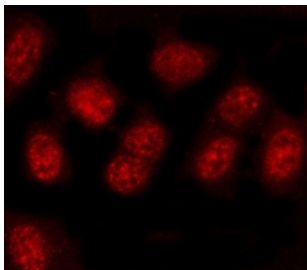


PRDM4 Antibody / PR domain zinc finger protein 4 (RQ8191)

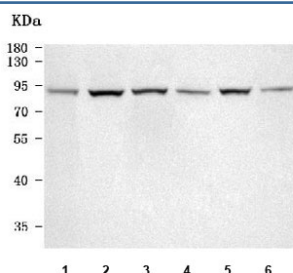
Catalog No.	Formulation	Size
RQ8191	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9UKN5
Localization	Nuclear
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This PRDM4 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with PRDM4 antibody (red).
HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of 1) human COLO-320, 2) human RT4, 3) rat brain, 4) rat heart, 5) mouse brain and 6) mouse heart tissue lysate with PRDM4 antibody. Predicted molecular weight ~88 kDa.

Description

The protein encoded by this gene is a transcription factor of the PR-domain protein family. It contains a PR-domain and multiple zinc finger motifs. Transcription factors of the PR-domain family are known to be involved in cell differentiation and tumorigenesis. An elevated expression level of this gene has been observed in PC12 cells treated with nerve growth factor, beta polypeptide (NGF). This gene is located in a chromosomal region that is thought to contain tumor suppressor genes.

Application Notes

Optimal dilution of the PRDM4 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids E87-R405) was used as the immunogen for the PRDM4 antibody.

Storage

After reconstitution, the PRDM4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.