

For Research Use Only

PRDM8 Recombinant antibody

Catalog Number: 84716-2-RR



Basic Information

Catalog Number: 84716-2-RR	GenBank Accession Number: BC071584	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 56978	CloneNo.: 242203D8
Source: Rabbit	UNIPROT ID: Q9NQV8	Recommended Dilutions: WB 1:500-1:2000 IHC 1:200-1:800 IF-P 1:50-1:500
Isotype: IgG	Full Name: PR domain containing 8	
Immunogen Catalog Number: AG23373		

Applications

Tested Applications: WB, IHC, IF-P, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : SH-SY5Y cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : mouse eye tissue,
	IF-P : mouse eye tissue,

Background Information

PRDI-BF1 and RIZ homology domain zinc finger protein 8 (PRDM8) belongs to the PRDM family characterized by a conserved N-terminal PR domain related to the catalytic SET domains. PRDM8 is a key regulator in neural development and testis steroidogenesis (PMID: 32819411). PRDM8 is mainly demonstrated as a crucial regulatory molecule during neural development and testis steroidogen and expressed at low levels in HCC tissues (PMID: 29572888).

Storage

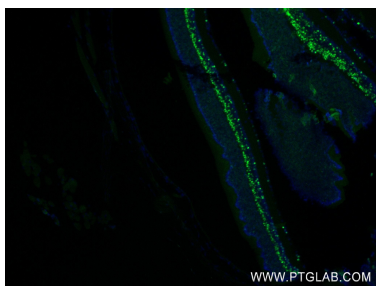
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

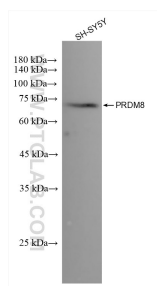
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

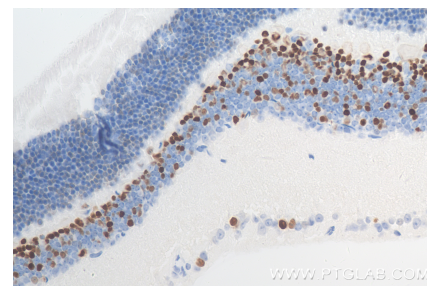
Selected Validation Data



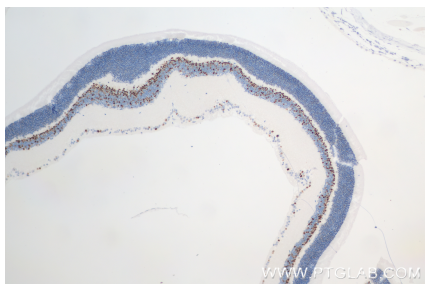
Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse eye tissue using PRDM8 antibody (84716-2-RR, Clone: 242203D8) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



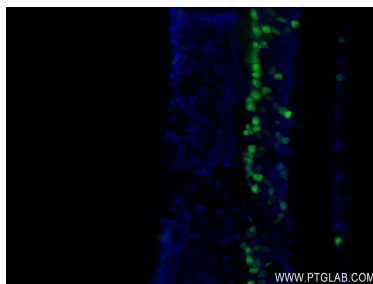
Various lysates were subjected to SDS PAGE followed by western blot with 84716-2-RR (PRDM8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



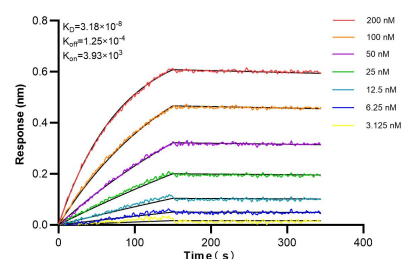
Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 84716-2-RR (PRDM8 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse eye tissue slide using 84716-2-RR (PRDM8 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse eye tissue using PRDM8 antibody (84716-2-RR, Clone: 242203D8) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 84716-2-RR against Human PRDM8 were performed. The affinity constant is 31.8 nM.