

PRDM15 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10940

Product Information

Application	WB
Primary Accession	P57071
Other Accession	NM_144771 , NP_658984
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Predicted	Human, Mouse, Rat, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129585

Additional Information

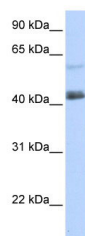
Gene ID	63977
Alias Symbol	C21orf83, PFM15, ZNF298
Other Names	PR domain zinc finger protein 15, 2.1.1.-, PR domain-containing protein 15, Zinc finger protein 298, PRDM15, C21orf83, ZNF298
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-PRDM15 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	PRDM15 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	PRDM15 (HGNC:13999)
Function	Sequence-specific DNA-binding transcriptional regulator. Plays a role as a molecular node in a transcriptional network regulating embryonic development and cell fate decision. Stimulates the expression of upstream key transcriptional activators and repressors of the Wnt/beta-catenin and MAPK/ERK pathways, respectively, that are essential for naive pluripotency and self-renewal maintenance of embryonic stem cells (ESCs). Specifically promotes SPRY1 and RSPO1 transcription activation through recognition and direct binding of a specific DNA sequence in their promoter regions. Involved in early embryo development (By similarity). Also plays a role in induced pluripotent stem cells (iPSCs) reprogramming (PubMed: 28740264).

Cellular Location	Nucleus.
Tissue Location	Detected in all tissues examined.

Images



WB Suggested Anti-PRDM15 Antibody Titration: 0.2-1
 $\mu\text{g/ml}$
 ELISA Titer: 1:62500
 Positive Control: 293T cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.