

Product Datasheet

PRDM10 Antibody - BSA Free

NBP1-81427

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-81427

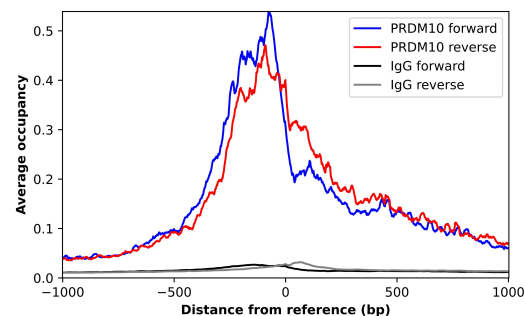
PRDM10 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Product Description	
Host	Rabbit
Gene ID	56980
Gene Symbol	PRDM10
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (88%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: SPSHIQGSSSTQGQALQQQQQQQQNSSVQHTYLPSAWNSFRGYSSEIQMMT LPPGQFVITDSGVATPVTTGQVKAVTSGHYVLSESQSELEEKQTSALSGGVQV EPPAHSDSLDPQTNSQQQTQYIITTTTNGNGS
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200, Chromatin Immunoprecipitation-exo-Seq 1-10ug per reaction
Application Notes	IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

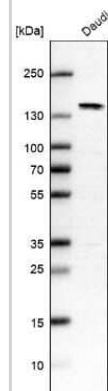


Images

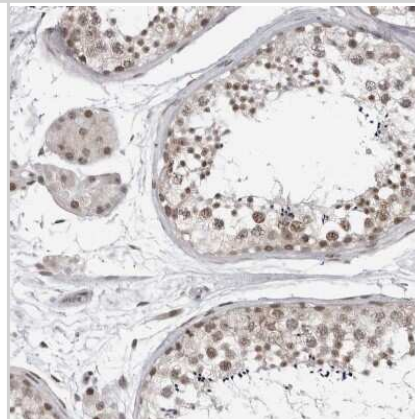
ChIP-Exo-Seq composite graph for Anti-PRDM10 (NBP1-81427) tested in K562 cells. Strand-specific reads (blue: forward, red: reverse) and IgG controls (black: forward, grey: reverse) are plotted against the distance from a composite set of reference binding sites. The antibody exhibits robust target enrichment compared to a non-specific IgG control and precisely reveals its structural organization around the binding site. Data generated by Prof. B. F. Pugh's Lab at Cornell University.



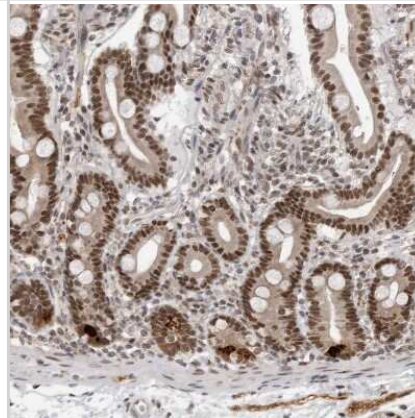
Western Blot: PRDM10 Antibody [NBP1-81427] - Analysis in human cell line Daudi.



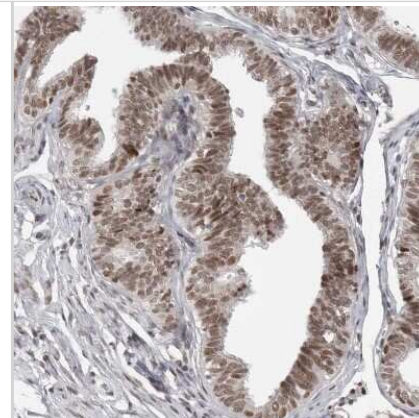
Immunohistochemistry-Paraffin: PRDM10 Antibody [NBP1-81427] - Staining of human testis shows moderate nuclear positivity in cells in seminiferous ducts.



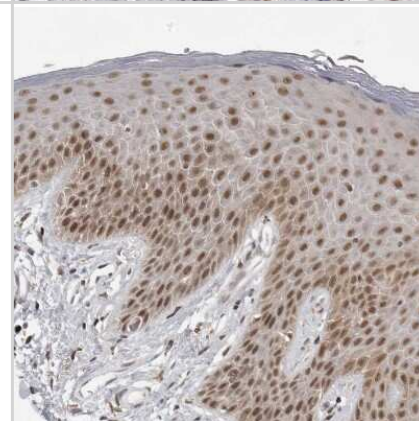
Immunohistochemistry-Paraffin: PRDM10 Antibody [NBP1-81427] - Staining of human duodenum shows strong nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: PRDM10 Antibody [NBP1-81427] - Staining of human Fallopian tube shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: PRDM10 Antibody [NBP1-81427] - Staining of human skin shows moderate nuclear positivity in squamous epithelial cells.



Publications

Mistik O, Sayar H Immunohistochemical positive regulatory domain member 10 expression in soft tissue sarcomas Polish Journal of Pathology 2023-01-30 [PMID: 36734437] (IHC-P, Human)

Puls F, Pillay N, Fagman H et al. PRDM10-rearranged Soft Tissue Tumor: A Clinicopathologic Study of 9 Cases Am. J. Surg. Pathol. 2019-04-01 [PMID: 30570551] (IHC-P, Human)



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Products Related to NBP1-81427

NBP1-81427PEP	PRDM10 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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