

Product Datasheet

MEIS2 Antibody - BSA Free

NBP1-81669

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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NBP1-81669

MEIS2 Antibody - BSA Free

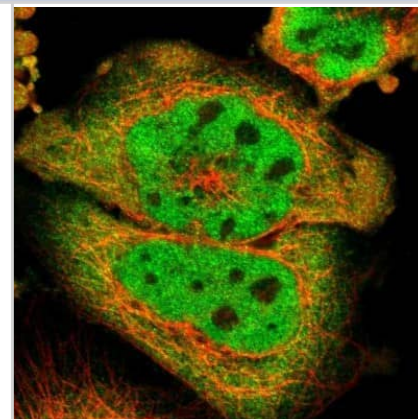
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	4212
Gene Symbol	MEIS2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24854274).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: LEKVHELCDNFCHRYISCLKGKMPIDLVIDERDGSSKSDHEELSGSSTNLADHN PSSWRDHDDATSTHSAGTPGPSSGGHASQSGDNSSEQGDGLDNSV

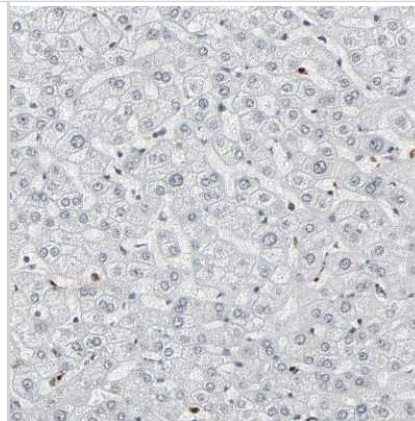
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Chromatin Immunoprecipitation-exo-Seq
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 24854274), Immunohistochemistry 1:50 - 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

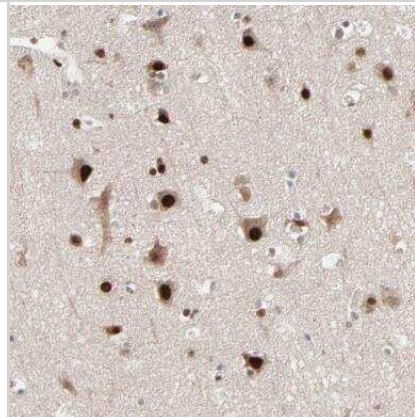
Immunocytochemistry/Immunofluorescence: MEIS2 Antibody [NBP1-81669] - Staining of human cell line A-431 shows localization to nucleoplasm & cytosol. Antibody staining is shown in green.



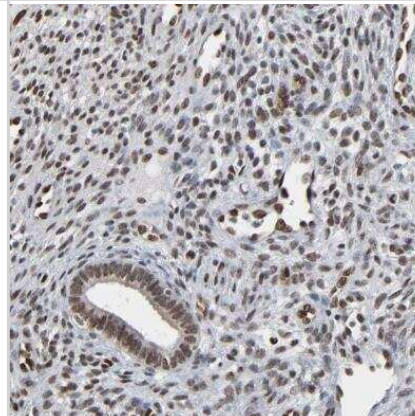
Immunohistochemistry-Paraffin: MEIS2 Antibody [NBP1-81669] -
Staining of human liver shows low positivity in hepatocytes as expected.



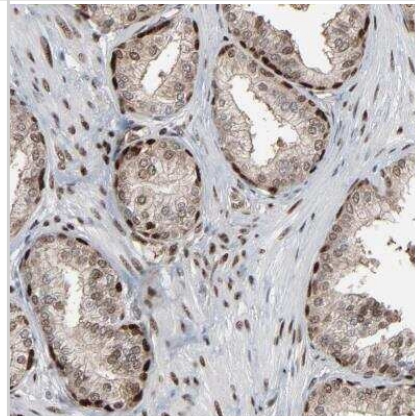
Immunohistochemistry-Paraffin: MEIS2 Antibody [NBP1-81669] -
Staining of human cerebral cortex shows strong nuclear positivity in neurons.



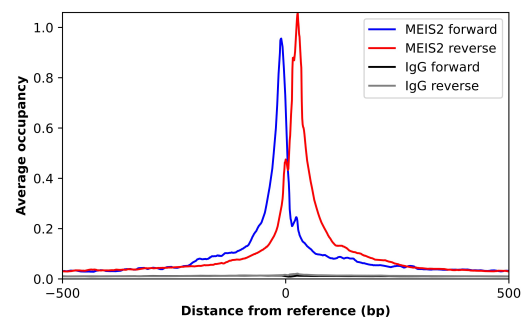
Immunohistochemistry-Paraffin: MEIS2 Antibody [NBP1-81669] -
Staining of human endometrium shows moderate nuclear positivity in glandular and stromal cells.



Immunohistochemistry-Paraffin: MEIS2 Antibody [NBP1-81669] -
Staining of human prostate shows strong nuclear positivity in glandular and smooth muscle cells.



ChIP-Exo-Seq composite graph for Anti-MEIS2 (NBP1-81669) 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.



Publications

Lee Q, Chan WC, Qu X et al. End binding-3 inhibitor activates regenerative program in age-related macular degeneration *Cell reports. Medicine* 2023-10-17 [PMID: 37794584] (SDS-Page, Human)

He B, Ebarasi L, Zhao Z et al. Lmx1b and FoxC Combinatorially Regulate Podocin Expression in Podocytes. *J Am Soc Nephrol* 2014-12-01 [PMID: 24854274] (ICC/IF, WB, Mouse)



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Products Related to NBP1-81669

NBP1-81669PEP	MEIS2 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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