

Product Datasheet

MCPH1 Antibody - BSA Free

NBP1-89937

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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Publications: 1

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NBP1-89937

MCPH1 Antibody - BSA Free

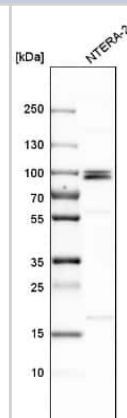
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	79648
Gene Symbol	MCPH1
Species	Human
Reactivity Notes	Reactivity reported in scientific literature (PMID: 23472065)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: AVGLKSTQNKGTTSKISNSSEGEAQSEHEPCFIVDCNMETSTEEKENLPGGYS GSVKNRPTRHDVLDSDGFKDLIKPHEELKKSGRGKKPTRLVMTSMPSEKQ NVVIQVVDKLGFSIAPDVCETTTHVLSGKPLRTLNVLLGI

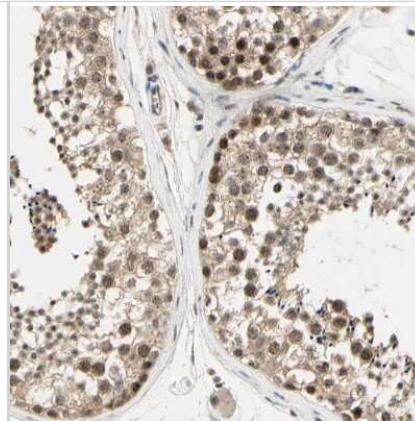
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

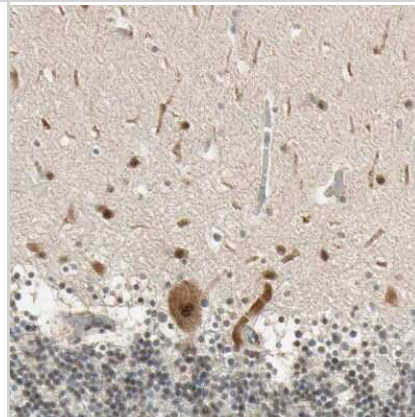
Western Blot: MCPH1 Antibody [NBP1-89937] - Analysis in human cell line NTERA-2.



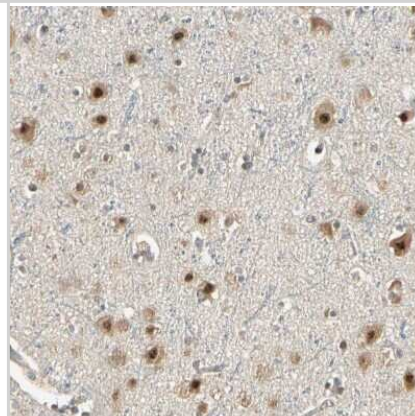
Immunohistochemistry-Paraffin: MCPH1 Antibody [NBP1-89937] - Staining of human testis shows moderate to strong nuclear positivity in cells in seminiferous ducts.



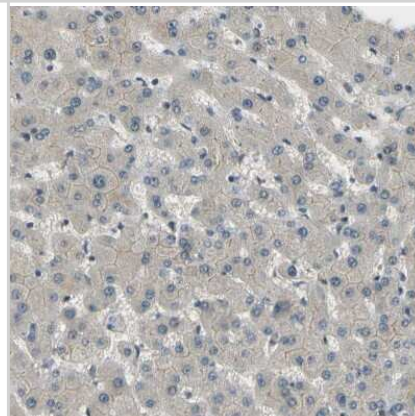
Immunohistochemistry-Paraffin: MCPH1 Antibody [NBP1-89937] - Staining of human cerebellum shows moderate nuclear positivity in Purkinje and granular cell layers.



Immunohistochemistry-Paraffin: MCPH1 Antibody [NBP1-89937] - Staining of human cerebral cortex shows moderate to strong nuclear positivity in neurons.



Immunohistochemistry-Paraffin: MCPH1 Antibody [NBP1-89937] - Staining of human liver shows no nuclear positivity in hepatocytes as expected.



Publications

Venkatesh T, Nagashri MN, Swamy SS et al. Primary Microcephaly Gene MCPH1 Shows Signatures of Tumor Suppressors and Is Regulated by miR-27a in Oral Squamous Cell Carcinoma. PLoS One 2013-01-01 [PMID: 23472065]



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Products Related to NBP1-89937

NBP1-89937PEP	MCPH1 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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