

# Product Datasheet

## mpp8 Antibody - BSA Free

### NBP1-92135

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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Updated 2/21/2025 v.20.1

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**NBP1-92135**

mpp8 Antibody - BSA Free

**Product Information**

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

**Product Description**

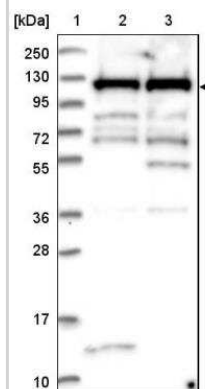
<b>Host</b>	Rabbit
<b>Gene ID</b>	54737
<b>Gene Symbol</b>	MPHOSPH8
<b>Species</b>	Human
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: GLEHGFEKPLDSAMSAEEDTDVRGRRKKKTPRKAEDTRENKLENKNAFLEK KTVPPKKQRNQDRSKSAAELEKLMPVSAQTPKGRRLSGEERGLWSTDSEEDK ETKRNESKE

**Product Application Details**

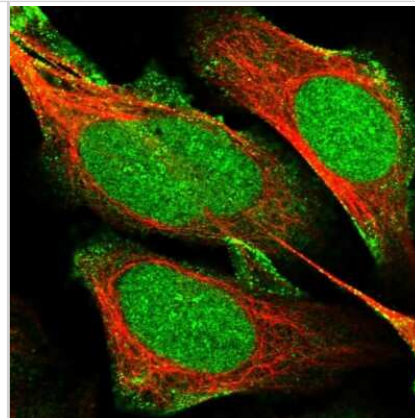
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

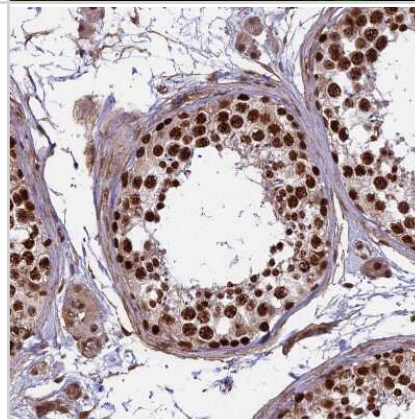
Western Blot: mpp8 Antibody [NBP1-92135] - Lane 1: Marker [kDa] 250, 130, 95, 72, 55, 36, 28, 17, 10. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



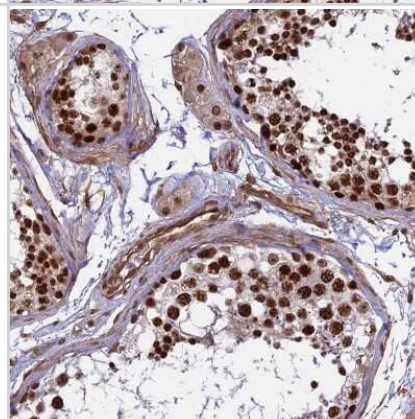
Immunocytochemistry/Immunofluorescence: mpp8 Antibody [NBP1-92135] - Staining of human cell line U-2 OS shows localization to nucleus, nucleoli and plasma membrane.



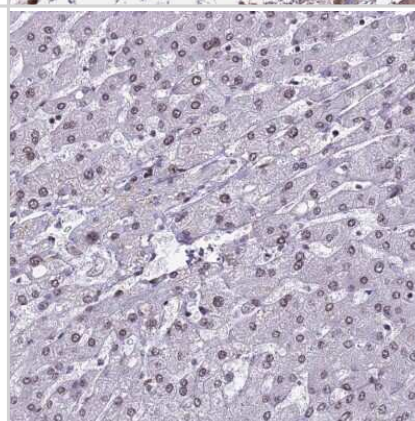
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts.



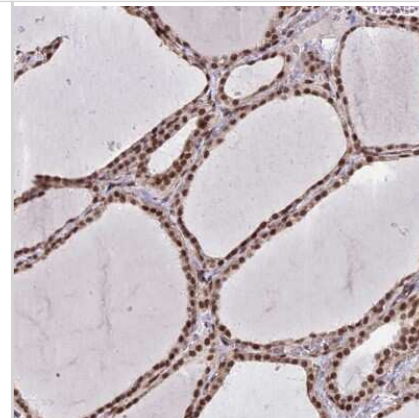
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human testis shows strong nuclear positivity in cells in seminiferous ducts and Leydig cells.



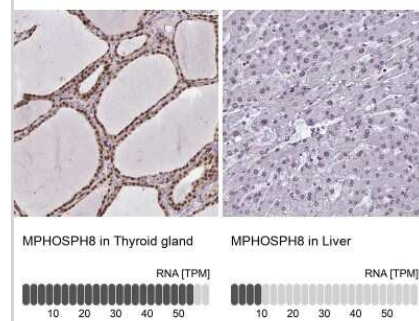
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human liver shows low expression as expected.



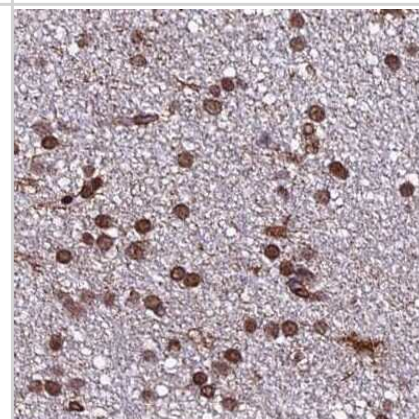
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human thyroid gland shows high expression.



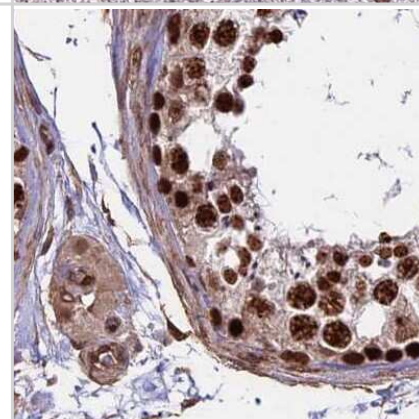
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining in human thyroid gland and liver tissues using anti-MPHOSPH8 antibody. Corresponding MPHOSPH8 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human cerebral cortex.

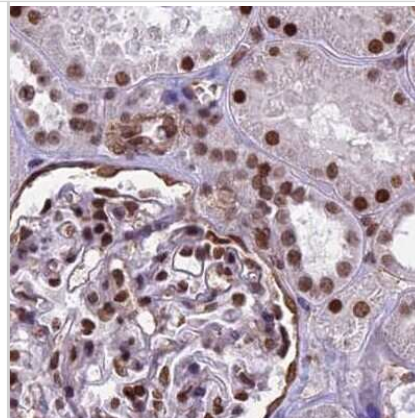


Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human testis.

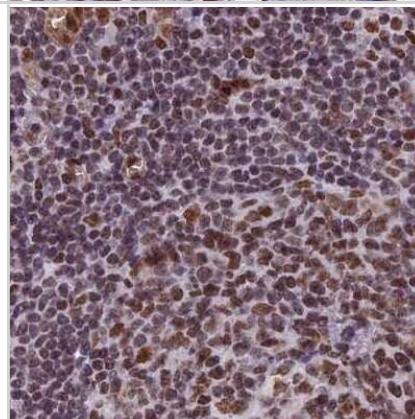




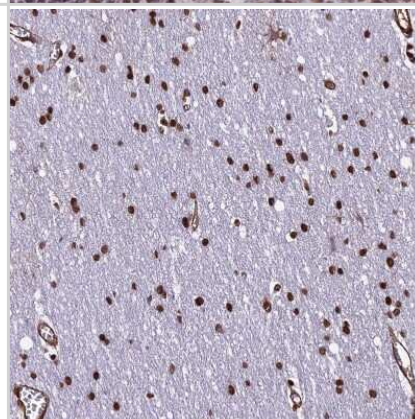
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human kidney.



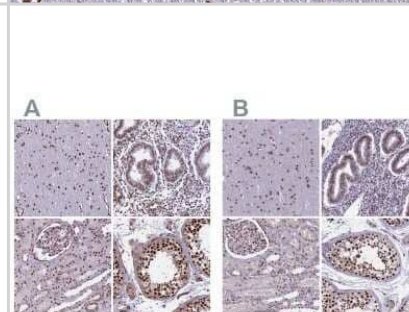
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human lymph node.



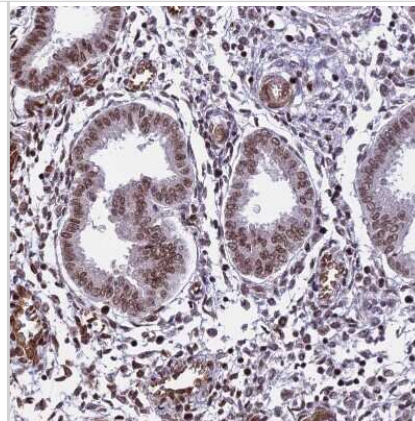
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human cerebral cortex shows strong nuclear positivity in glial cells.



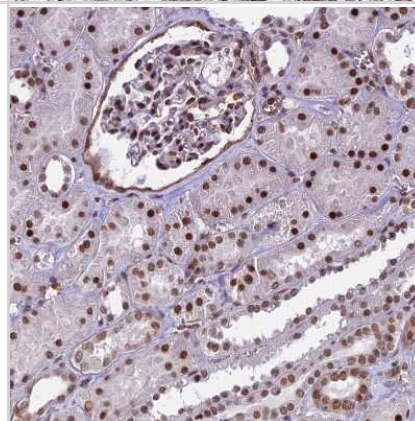
Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human cerebral cortex, endometrium, kidney and testis using Anti-mpp8 antibody NBP1-92135 (A) shows similar protein distribution across tissues to independent antibody NBP1-92136 (B).



Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human endometrium shows moderate nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: mpp8 Antibody [NBP1-92135] - Staining of human kidney shows moderate to strong nuclear positivity in cells in tubules.





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### **Products Related to NBP1-92135**

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NBP1-92135PEP	mpp8 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

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### **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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