

Product Datasheet

MAT2A Antibody - BSA Free

NBP1-92100

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: 3

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Updated 9/9/2025 v.20.1

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NBP1-92100

MAT2A 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

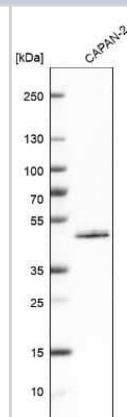
Description	Novus Biologicals Rabbit MAT2A Antibody - BSA Free (NBP1-92100) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MAT2A Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4144
Gene Symbol	MAT2A
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 30926424).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MNGQLNGFHEAFIEEGTFL

Product Application Details

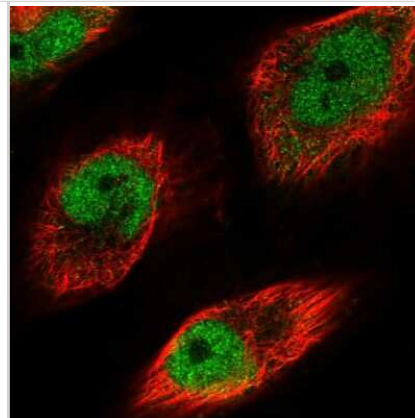
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval method is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

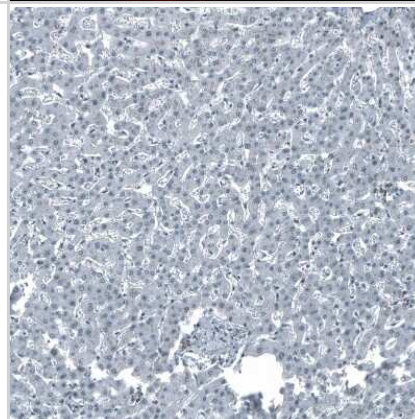
Western Blot: MAT2A Antibody [NBP1-92100] - Analysis in human cell line CAPAN-2.



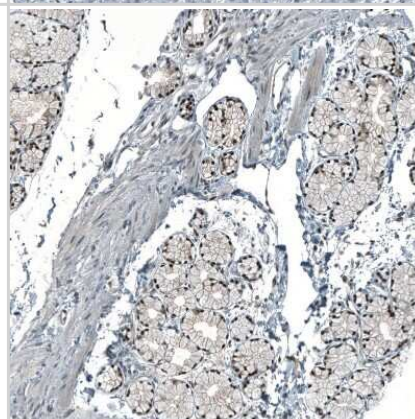
Immunocytochemistry/Immunofluorescence: MAT2A Antibody [NBP1-92100] - Staining of human cell line U-251 MG shows localization to nucleoplasm. Antibody staining is shown in green.



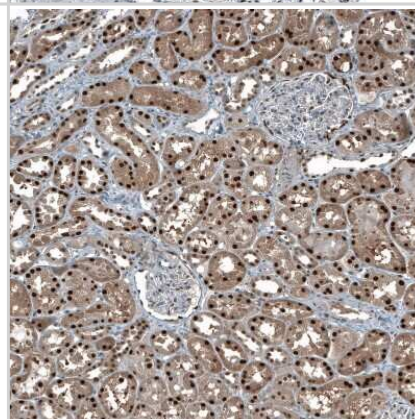
Immunohistochemistry-Paraffin: MAT2A Antibody [NBP1-92100] - Staining of human Liver shows very weak nuclear positivity in hepatocytes.



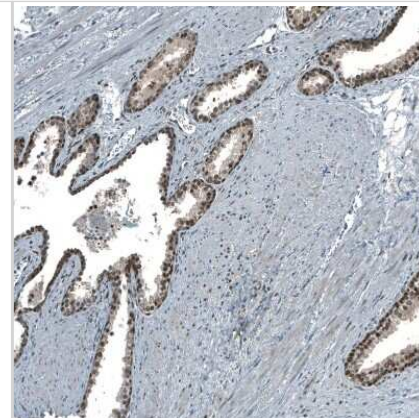
Immunohistochemistry-Paraffin: MAT2A Antibody [NBP1-92100] - Staining of human Duodenum shows strong nuclear positivity in glandular cells.



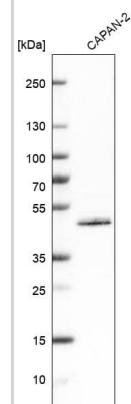
Immunohistochemistry-Paraffin: MAT2A Antibody [NBP1-92100] - Staining of human Kidney shows strong nuclear positivity in cells in tubules.



Immunohistochemistry-Paraffin: MAT2A Antibody [NBP1-92100] - Staining of human Prostate shows strong nuclear positivity in glandular cells.



Analysis in human cell line CAPAN-2.



Publications

Zhang R, Zhang Y, Guo F et al. Knockdown of METTL16 disrupts learning and memory by reducing the stability of MAT2A mRNA Cell death discovery 2022-10-28 [PMID: 36307396] (WB, IF/IHC, Mouse)

Luo H, Song Y, Zhang JA et al. MAT2A facilitates PDCD6 methylation and promotes cell growth under glucose deprivation in cervical cancer Cell death discovery 2022-04-08 [PMID: 35396512] (WB, IF/IHC, Human)

Wang K, Fang S, Liu Q et al. TGF- β 1/p65/MAT2A pathway regulates liver fibrogenesis via intracellular SAM EBioMedicine 2019-03-26 [PMID: 30926424] (IHC-P, Mouse)



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Products Related to NBP1-92100

NBP1-92100PEP	MAT2A 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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