Product Datasheet

MAT2B Antibody - BSA Free
NBP1-82797

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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Reviews: 1 Publications: 3

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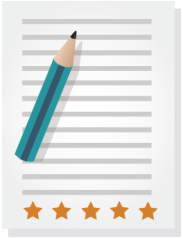
Updated 12/2/2025 v.20.1



NBP1-82797

MAT2B 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
Target Molecular Weight	38 kDa

Product Description

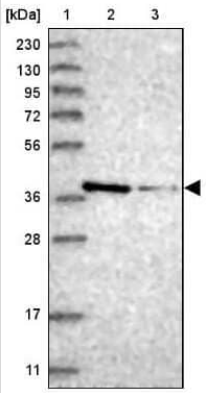
Description	Novus Biologicals Rabbit MAT2B Antibody - BSA Free (NBP1-82797) is a polyclonal antibody validated for use in IHC and WB. Anti-MAT2B Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	27430
Gene Symbol	MAT2B
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in the scientific literature (PMID: 20043323).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: MFDKVQFSNKSANMDHWQQRFPTHVKDVATVCRQLAEKRMLDPSIKGTFHW SGNEQMTKYEMACAIADAFN

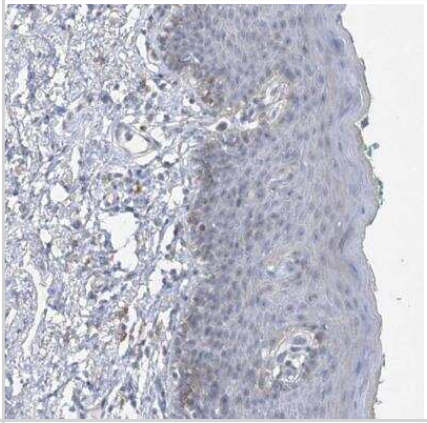
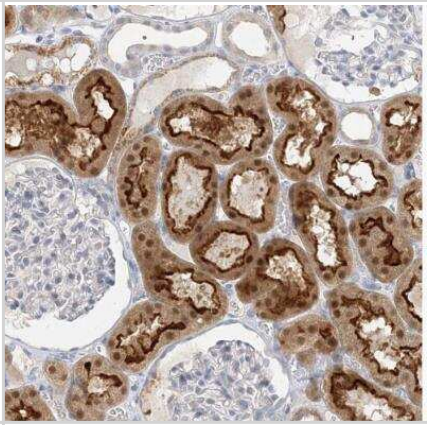
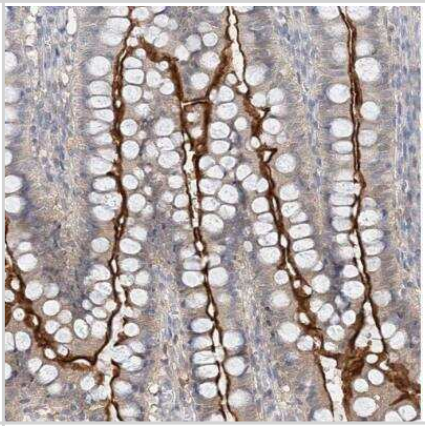
Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
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

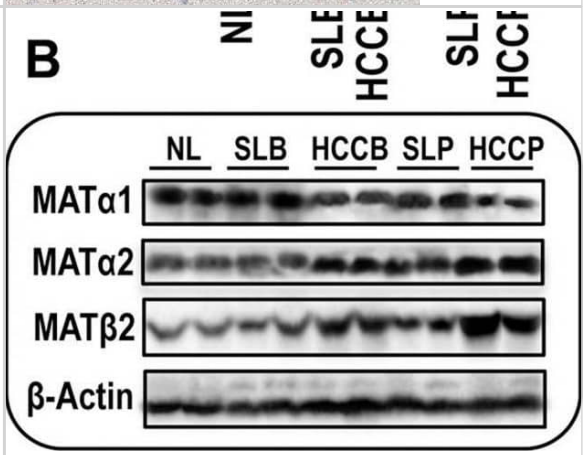
Western Blot: MAT2B Antibody [NBP1-82797] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



Immunohistochemistry-Paraffin: MAT2B Antibody [NBP1-82797] - Staining of human skin shows no positivity in keratinocytes as expected.	
Immunohistochemistry-Paraffin: MAT2B Antibody [NBP1-82797] - Staining of human kidney shows moderate cytoplasmic and nuclear positivity in cells in tubules.	
Immunohistochemistry-Paraffin: MAT2B Antibody [NBP1-82797] - Staining of human duodenum shows moderate positivity in luminal membrane in glandular cells.	
Immunohistochemistry-Paraffin: MAT2B Antibody [NBP1-82797] - Staining of human liver shows moderate positivity in bile canaliculi in hepatocytes.	

Immunohistochemistry-Paraffin: MAT2B Antibody [NBP1-82797] - Staining of human cerebral cortex shows moderate positivity in neuronal processes in astrocytes.

MAT1A, MAT2A, MAT2B and miR-203 expression in human HCC with different prognosis(A) MAT1A, MAT2A, MAT2B, Ki67 and MDK gene expression. The results are expressed as N-fold differences in target gene expression relative to the RNR-18 expression, named N Target (NT). NT = 2–ΔCT, ΔCT of each sample was calculated by subtracting the Ct of the target gene from the Ct of the RNR-18 gene. (B) Representative Western Blot of MATα1, MATα2, and MATβ2, in HCCs with different prognosis and correspondent surroundings. Chemiluminescence analysis: optical densities were normalized to β-actin levels and expressed in arbitrary units. (C) miR-203 expression (NT = 2–ΔCT) and Spearman's correlation analysis of miR-203. A total of 26 cases (13 HCCB and 13 HCCP) were used for the correlation analysis. Data are means +/- standard deviation (SD) of six experiments. Mann-Whitney test: Point, different from NL for P < 0.001. Asterisk, different from SL for at least P < 0.01. Dagger, HCCP/SLP different from HCCB/SLB for P < 0.001. Abbreviations: HCCB, HCC with better prognosis (survival > 3 years) and correspondent surrounding (SLB); HCCP, HCC with poorer prognosis (survival < 3 years) and corresponding surrounding (SLP). Image collected and cropped by CiteAb from the following open publication (https://pubmed.ncbi.nlm.nih.gov/31073374), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Kim J, Kim B, Kim SM et al. MicroRNA-203 impacts on the growth, aggressiveness and prognosis of hepatocellular carcinoma by targeting MAT2A and MAT2B genes Oncotarget 2019-04-19 [PMID: 31073374] (WB, Human)

Xia M, Chen Y, Wang LC et al. Novel function and intracellular localization of methionine adenosyltransferase 2beta splicing variants. J Biol Chem 2010-06-25 [PMID: 20421296] (WB, Human)

Ramani K, Yang H, Kuhlenkamp J et al. Changes in the expression of methionine adenosyltransferase genes and S-adenosylmethionine homeostasis during hepatic stellate cell activation. Hepatology 2010-03-01 [PMID: 20043323] (WB, Human, Rat)

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Products Related to NBP1-82797

NBP1-82797PEP	MAT2B Recombinant Protein Antigen
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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