

# Product Datasheet

## AGMAT Antibody - BSA Free

### NBP1-82080

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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**NBP1-82080**

AGMAT 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**

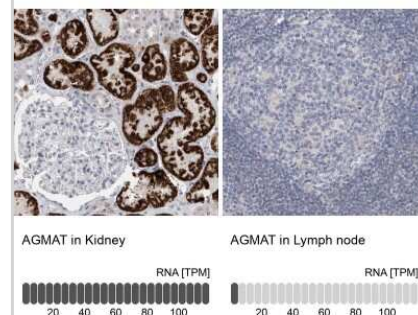
|                         |   |
|-------------------------|---|
| <b>Host</b>             | Rabbit  |
| <b>Gene ID</b>          | 79814   |
| <b>Gene Symbol</b>      | AGMAT   |
| <b>Species</b>          | Human   |
| <b>Reactivity Notes</b> | Immunogen displays the following percentage of sequence identity for non-tested species: Rat (80%)  |
| <b>Immunogen</b>        | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>MLGTVNPSTGALPFQSLMVADLGDVNVNLYNLQDSCRRRIQEAYEKIVAAGCIPL<br>TLGGDHTITYPILQAMAKKHGPPVGLLHVD AHTDTT DKALGEKLYHG |

**Product Application Details**

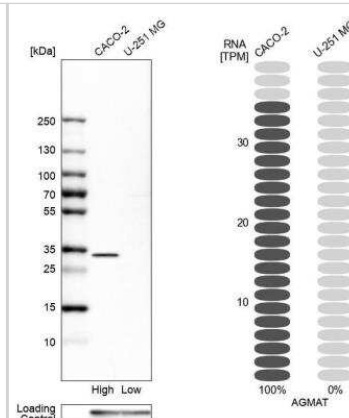
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.  |

**Images**

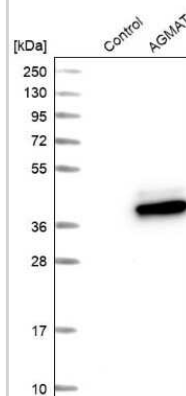
Immunohistochemistry-Paraffin: AGMAT Antibody [NBP1-82080] - Staining in human kidney and lymph node tissues.. Corresponding AGMAT RNA-seq data are presented for the same tissues.



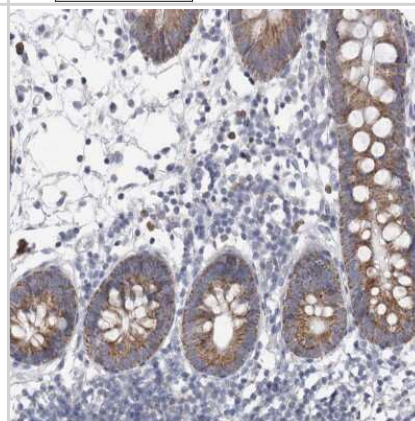
Western Blot: AGMAT Antibody [NBP1-82080] - Analysis in human cell lines Caco-2 and U-251MG. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-GAPDH.



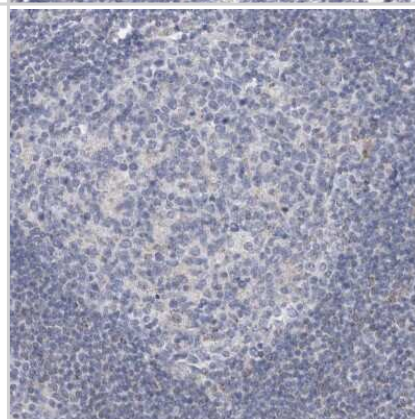
Western Blot: AGMAT Antibody [NBP1-82080] - Analysis in control (vector only transfected HEK293T lysate) and AGMAT over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (3.1 kDa) in mammalian HEK293T cells).



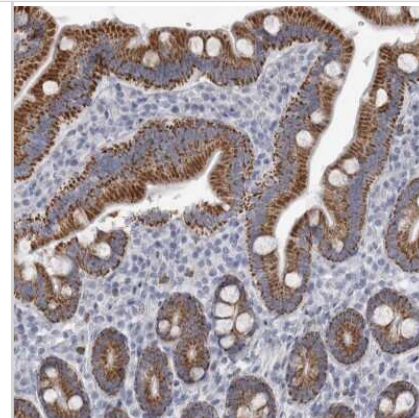
Immunohistochemistry-Paraffin: AGMAT Antibody [NBP1-82080] - Staining of human colon shows moderate granular cytoplasmic positivity in glandular cells.



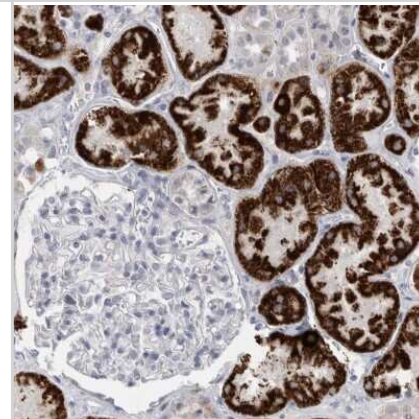
Immunohistochemistry-Paraffin: AGMAT Antibody [NBP1-82080] - Staining of human lymph node shows very weak cytoplasmic positivity in lymphoid cells.



Immunohistochemistry-Paraffin: AGMAT Antibody [NBP1-82080] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Immunohistochemistry-Paraffin: AGMAT Antibody [NBP1-82080] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



## Publications

Mossmann D, Müller C, Park S et al. Arginine reprograms metabolism in liver cancer via RBM39 Cell 2023-09-26 [PMID: 37804830] (WB, Mouse, Human)



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### **Products Related to NBP1-82080**

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|               |   |
|---------------|---|
| NBP1-82080PEP | AGMAT 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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