

# Product Datasheet

## GATM Antibody - BSA Free

### NBP1-89211

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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**NBP1-89211**

GATM 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**

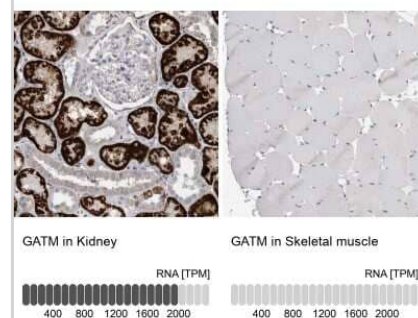
|                    |                                                                                                                                                                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                                    |
| <b>Gene ID</b>     | 2628                                                                                                                                                                                                                                      |
| <b>Gene Symbol</b> | GATM                                                                                                                                                                                                                                      |
| <b>Species</b>     | Human                                                                                                                                                                                                                                     |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LGRTLGTGWVQRTFQSTQAATASSRNSCAADDKATEPLPKDCPVSSYNEWDPL<br>EEVIVGRAENACVPPFTIEVKANTYEKYWPFFYQKQGGHYFPKDHLKKAVAEIEE<br>MCNILKTEGVTVRRPDPIDWSLKYKTPD |

**Product Application Details**

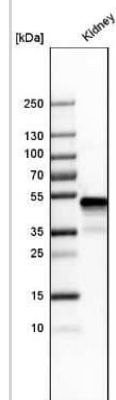
|                              |                                                                                                                                                                      |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                        |

**Images**

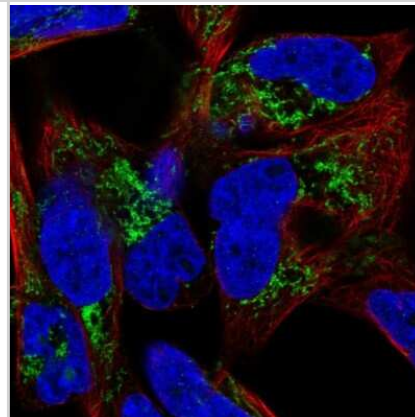
Immunohistochemistry-Paraffin: GATM Antibody [NBP1-89211] - Staining in human kidney and skeletal muscle tissues . Corresponding GATM RNA-seq data are presented for the same tissues.



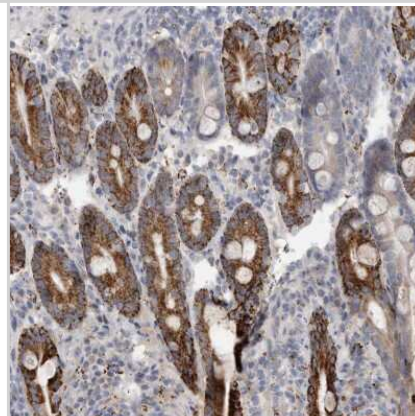
Western Blot: GATM Antibody [NBP1-89211] - Analysis in human kidney tissue.



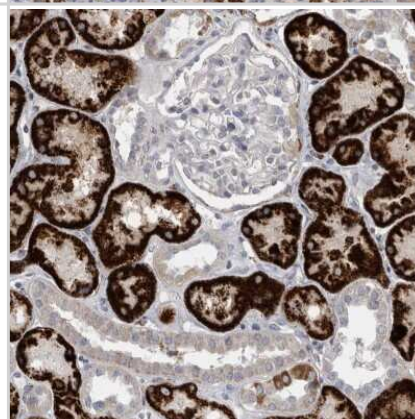
Immunocytochemistry/Immunofluorescence: GATM Antibody [NBP1-89211] - Staining of human cell line RH-30 shows localization to mitochondria. Antibody staining is shown in green.



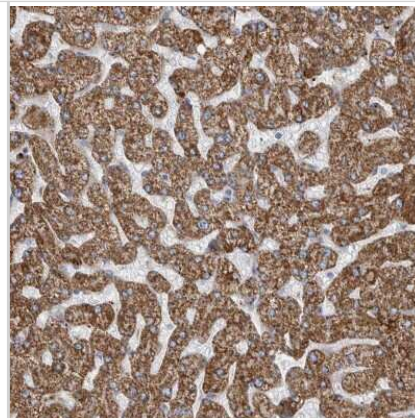
Immunohistochemistry-Paraffin: GATM Antibody [NBP1-89211] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in glandular cells.



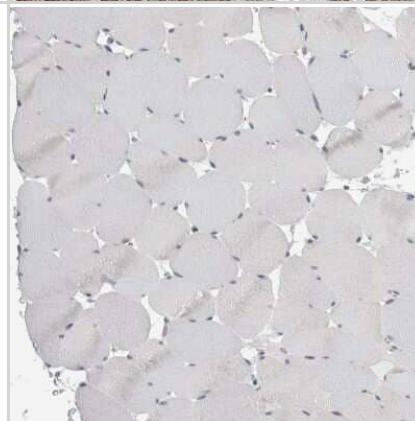
Immunohistochemistry-Paraffin: GATM Antibody [NBP1-89211] - Staining of human kidney shows moderate to strong cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: GATM Antibody [NBP1-89211] - Staining of human liver shows moderate to strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: GATM Antibody [NBP1-89211] - Staining of human skeletal muscle shows no cytoplasmic positivity in myocytes as expected.





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### **Products Related to NBP1-89211**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-89211PEP | GATM 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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