

# Product Datasheet

## GCAT Antibody - Azide and BSA Free NBP3-04780-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

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**NBP3-04780-100ul**

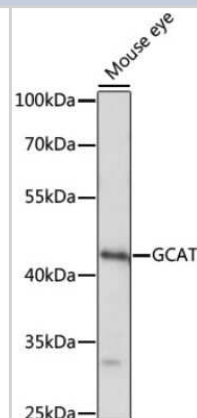
GCAT Antibody - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                     |
| Storage                     | Store at -20C. Avoid freeze-thaw cycles.                                                                                                                                                                                                                                                                                                                                                        |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                      |
| Preservative                | 0.01% Thimerosal                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype                     | IgG                                                                                                                                                                                                                                                                                                                                                                                             |
| Purity                      | Affinity purified                                                                                                                                                                                                                                                                                                                                                                               |
| Buffer                      | PBS with 50% glycerol, pH7.3.                                                                                                                                                                                                                                                                                                                                                                   |
| Target Molecular Weight     | 45 kDa                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                 |
| Host                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                          |
| Gene ID                     | 23464                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Symbol                 | GCAT                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                               |
| Immunogen                   | Recombinant fusion protein containing a sequence corresponding to amino acids 170-419 of human GCAT (NP_055106.1).<br>KAHKYRYRHLDMADEAKLQEAQKHRLRLVATDGAFSMDGDIAPLQEICCLAS<br>RYGALVFMDECHATGFLGPTGRGTDELLGVMDQVTIINSTLGKALGGASGGYT<br>TGPGPLVSLLRQRARPYLFSNSLPPAVVGCASKALDLLMGSNTIVQSMAAKTQ<br>RFRSKMEAAGFTISGASHPICPVMLGDARLASRMADDMLKRGIFVIGFSYPVVP<br>KGKARIRVQISAVHSEEDIDRCVEAFVEVGRLHGALP |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | Western Blot 1:500-1:2000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin                                                                                                                                                                                                                                            |

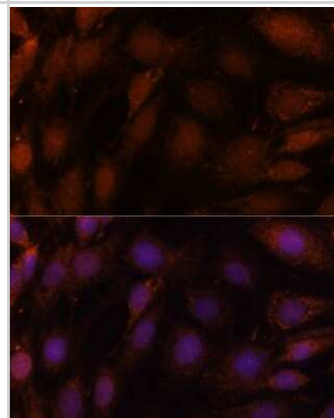


## Images

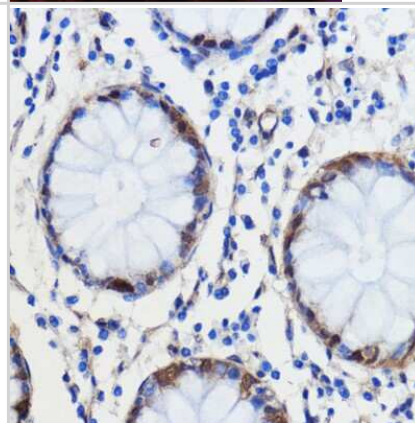
Western Blot: GCAT Antibody [NBP3-04780] - Analysis of extracts of mouse eye, using GCAT antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit .



Immunocytochemistry/Immunofluorescence: GCAT Antibody [NBP3-04780] - Analysis of C6 cells using GCAT antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry-Paraffin: GCAT Antibody [NBP3-04780] - Paraffin-embedded human colon carcinoma using GCAT antibody at dilution of 1:100 (40x lens).





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### **Products Related to NBP3-04780-100ul**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| NBP2-23080 | Recombinant Human GCAT His Protein                  |

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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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