

Product Datasheet

GCSH Antibody - BSA Free

NBP1-85842

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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NBP1-85842

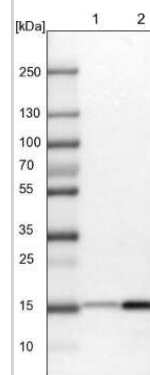
GCSH Antibody - BSA Free

| 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 | |
| Host | Rabbit |
| Gene ID | 2653 |
| Gene Symbol | GCSH |
| Species | Human, Mouse, Rat |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: TLRTGPALLSVRKFTKHEWVTTENGIGTVGISNFAQEALGDVVYCSLPEVGTK LNKQDEFGA |
| Product Application Details | |
| Applications | Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Simple Western 1:50, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100 |

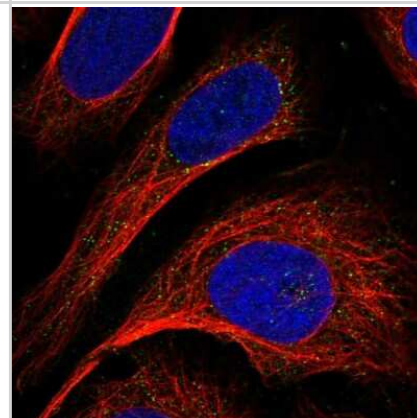


Images

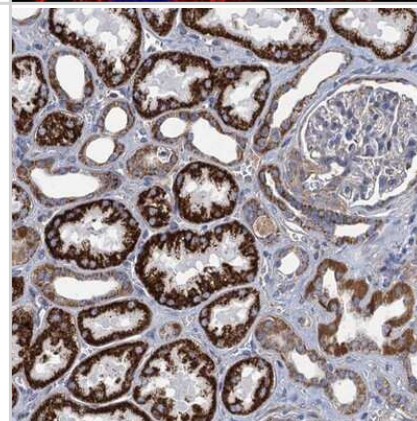
Western Blot: GCSH Antibody [NBP1-85842] - Lane 1: Mouse liver tissue lysate Lane 2: Rat liver tissue lysate



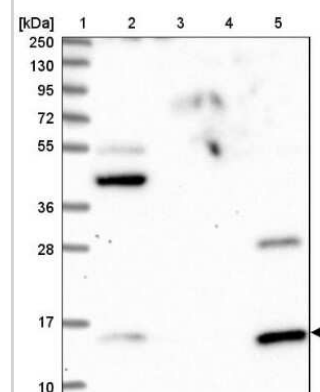
Immunocytochemistry/Immunofluorescence: GCSH Antibody [NBP1-85842] - Staining of human cell line U-2 OS shows localization to vesicles. Antibody staining is shown in green.



Immunohistochemistry-Paraffin: GCSH Antibody [NBP1-85842] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules..



Western Blot: GCSH Antibody [NBP1-85842] - Lane 1: Marker [kDa]
250, 130, 95, 72, 55, 36, 28, 17, 10
Lane 2: Human cell line RT-4
Lane 3: Human cell line U-251MG sp
Lane 4: Human plasma (IgG/HSA depleted)
Lane 5: Human liver tissue



Publications

Liu L, Peng M, Shao Y et al. Mitochondrial FAD shortage in SLC25A32 deficiency affects folate-mediated one-carbon metabolism Cell Mol Life Sci 2022-06-21 [PMID: 35727412]



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Products Related to NBP1-85842

| | |
|---------------|---|
| NBP1-85842PEP | GCSH 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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