

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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Publications: 1

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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	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

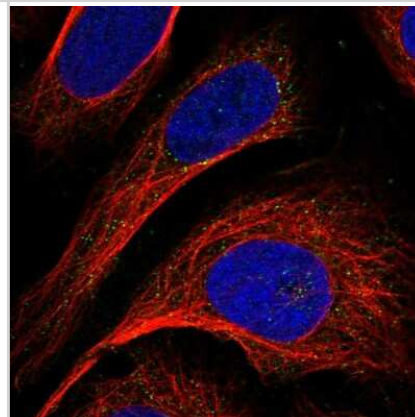
Product Description	
Description	Novus Biologicals Rabbit GCSH Antibody - BSA Free (NBP1-85842) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-GCSH Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2653
Gene Symbol	GCSH
Species	Human, Mouse, Rat
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: TLRTGPALLSVRKFKTEKHEWVTTENGIGTVGISNFAQEALGDVVYCSLPEVGTK LNKQDEFGA

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
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 See Simple Western Antibody Database for Simple Western validation: Tested in Embryo, Muscle, separated by Size, antibody dilution of 1:50

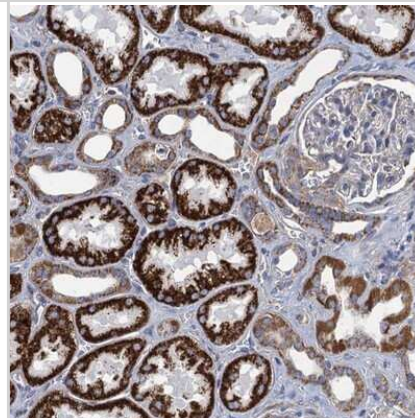


Images

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]

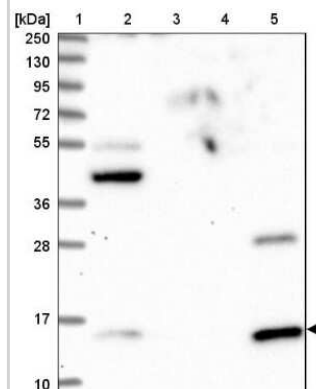
250, 130, 95, 72, 55, 36, 28, 17, 10

Lane 2: Human cell line RT-4

Lane 3: Human cell line U-251MG sp

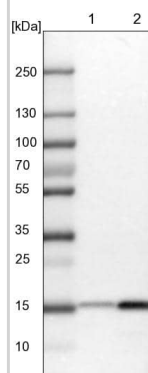
Lane 4: Human plasma (IgG/HSA depleted)

Lane 5: Human liver tissue



Lane 1: Mouse liver tissue lysate

Lane 2: Rat liver tissue lysate



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
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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