

# Product Datasheet

## SLC25A1 Antibody - BSA Free

### NBP1-31851

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP1-31851**

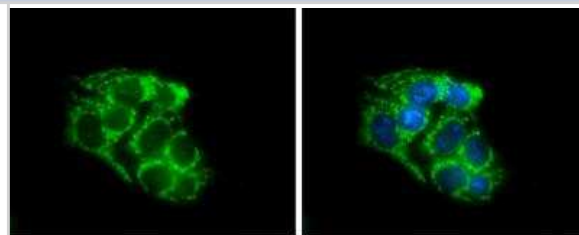
SLC25A1 Antibody - BSA Free

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	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	34 kDa
Product Description	
Host	Rabbit
Gene ID	6576
Gene Symbol	SLC25A1
Species	Human, Mouse, Rat
Reactivity Notes	Xenopus laevis (88%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human SLC25A1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000

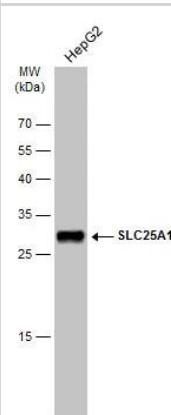


## Images

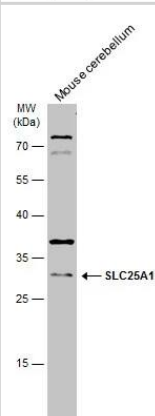
Immunocytochemistry/Immunofluorescence: SLC25A1 Antibody [NBP1-31851] - HepG2 cells were fixed in ice-cold MeOH for 5 min. Green: SLC25A1 protein stained by SLC25A1 antibody [N1C1] diluted at 1:500. Blue: Hoechst 33342 staining.



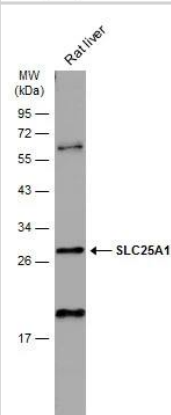
Western Blot: SLC25A1 Antibody [NBP1-31851] - Whole cell extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with SLC25A1 antibody [N1C1] (NBP1-31851) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: SLC25A1 Antibody [NBP1-31851] - Mouse tissue extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with SLC25A1 antibody [N1C1] (NBP1-31851) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Western Blot: SLC25A1 Antibody [NBP1-31851] - Rat tissue extract (30 ug) was separated by 12% SDS-PAGE, and the membrane was blotted with SLC25A1 antibody [N1C1] (NBP1-31851) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



## Publications

Li Y, Li YC, Liu XT et al. Blockage of citrate export prevents TCA cycle fragmentation via Irg1 inactivation Cell reports 2022-02-15 [PMID: 35172156] (WB, Mouse)

Ke Q, Shi C, Lv Y et al. SGLT2 inhibitor counteracts NLRP3 inflammasome via tubular metabolite itaconate in fibrosis kidney FASEB journal : official publication of the Federation of American Societies for Experimental Biology 2022-01-01 [PMID: 34918381] (WB, Mouse)

Da W, Tao L, Wen K et al. Protective Role of Melatonin Against Postmenopausal Bone Loss via Enhancement of Citrate Secretion From Osteoblasts Front. Pharmacol. 2020-05-19 [PMID: 32508637] (WB, Mouse)





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP1-31851**

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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
210-TA-005	TNF-alpha [Unconjugated]

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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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