

# Product Datasheet

## SLC23A2 Antibody NBP2-13319

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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**NBP2-13319****SLC23A2 Antibody****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**

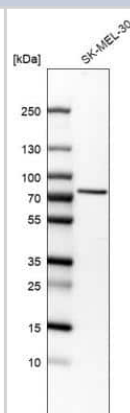
<b>Host</b>	Rabbit
<b>Gene ID</b>	9962
<b>Gene Symbol</b>	SLC23A2
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:33327638). Mouse reactivity reported in scientific literature (PMID:31901552).
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: DKWKCNTTDVSVANGTAELLHTEHIWYPRI

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Use in ICC/IF reported in scientific literature (PMID:33327638).

**Images**

Western Blot: SLC23A2 Antibody [NBP2-13319] - Analysis in human cell line SK-MEL-30.



## Publications

Qin S, Wang G, Chen L et al. Pharmacological vitamin C inhibits mTOR signaling and tumor growth by degrading Rictor and inducing HMOX1 expression PLoS genetics 2023-02-01 [PMID: 36787291] (WB, Human)

Ferrada L, Vandenabeele P, Salazar K, Nualart F Vitamin C Controls Neuronal Necroptosis Under Oxidative Stress Redox Biol 2020-01-14 [PMID: 31926631]

Espinoza F, Magdalena R, Saldivia N et al. Vitamin C Recycling Regulates Neurite Growth in Neurospheres Differentiated In Vitro Antioxidants (Basel, Switzerland) 2020-12-14 [PMID: 33327638] (ICC/IF, Rat)

Cho S, Chae J, Shin H, et al. Enhanced Anticancer Effect of Adding Magnesium to Vitamin C Therapy: Inhibition of Hormetic Response by SVCT-2 Activation Translational Oncology 2019-12-31 [PMID: 31901552] (WB, Mouse)

Ni K, Gill A, Cao D et al. Expression and Clinicopathological Implications of the Vitamin C Transporters SVCT-1 and SVCT-2 in Colon Cancer Thesis (IHC-P, Human)

Cho S, Chae JS, Shin H et al. Hormetic dose response to L-ascorbic acid as an anti-cancer drug in colorectal cancer cell lines according to SVCT-2 expression. Sci Rep. 2018-07-27 [PMID: 30054560] (WB, Human)





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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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