

# Product Datasheet

## NRAMP2/SLC11A2/DMT1 Antibody - BSA Free NBP1-59869

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-59869****NRAMP2/SLC11A2/DMT1 Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	0.5 mg/ml
<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>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS, 2% Sucrose
<b>Target Molecular Weight</b>	61 kDa

<b>Product Description</b>	
<b>Description</b>	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4891
<b>Gene Symbol</b>	SLC11A2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Specific to all four isoforms of the SLC11A2 transporter.
<b>Immunogen</b>	Synthetic peptides corresponding to SLC11A2 The peptide sequence was selected from the N terminal of SLC11A2 (NP_000608). Peptide sequence VLGPEQKMSDDSVSGDHGESASLGNINPAYSNPSLSQSPGDSEEYFATYF. The peptide sequence for this immunogen was taken from within the described region.

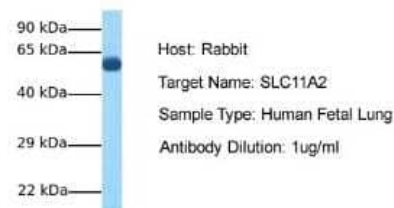
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1.0 ug/ml



## Images

Western Blot: NRAMP2/SLC11A2/DMT1 Antibody [NBP1-59869] -  
Sample Tissue: Human Fetal Lung Antibody Dilution: 1.0 ug/ml

### SLC11A2



Western Blot: NRAMP2/SLC11A2/DMT1 Antibody [NBP1-59869] -  
HepG2 cell lysate, concentration 0.2-1 ug/ml.



## Publications

Pandur E, Varga E, Tamasi K et al. Effect of Inflammatory Mediators Lipopolysaccharide and Lipoteichoic Acid on Iron Metabolism of Differentiated SH-SY5Y Cells Alters in the Presence of BV-2 Microglia Int J Mol Sci 2018-12-20 [PMID: 30577543] (WB, Human)

Scheers NM, Almgren AB, Sandberg AS. Proposing a Caco-2/HepG2 cell model for in vitro iron absorption studies. The Journal of Nutritional Biochemistry 2014-03-19 [PMID: 24746839] (WB, Human)



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### **Products Related to NBP1-59869**

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004891-Q01-10ug	Recombinant Human NRAMP2/SLC11A2/DMT1 GST (N-Term) Protein

### **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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