

Product Datasheet

NKCC2/SLC12A1 Antibody - BSA Free NBP1-57622

Unit Size: 100 ul

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

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NBP1-57622

NKCC2/SLC12A1 Antibody - BSA Free

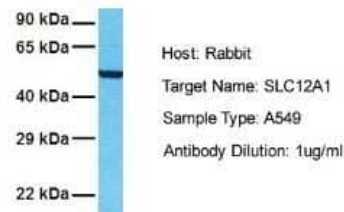
Product Information	
Unit Size	100 ul
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, 2% Sucrose
Target Molecular Weight	47 kDa
Product Description	
Description	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.
Host	Rabbit
Gene ID	6557
Gene Symbol	SLC12A1
Species	Human
Immunogen	Synthetic peptides corresponding to SLC12A1(solute carrier family 12 (sodium/potassium/chloride transporters), member 1) The peptide sequence was selected from the N terminal of SLC12A1. Peptide sequence NEKKSARGFFNYQASIFAENFGPRFTKGEFFSVFAIFFPAATGILAGANI The peptide sequence for this immunogen was taken from within the described region.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 4-8 ug/ml



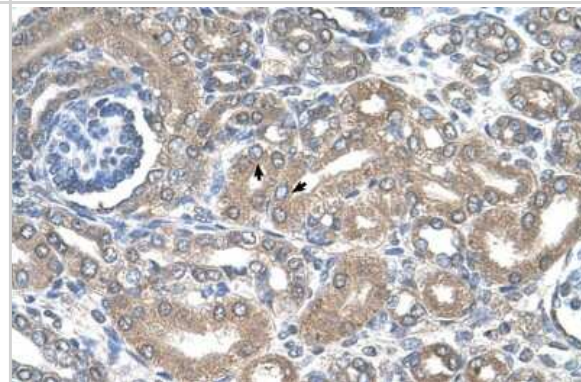
Images

Western Blot: NKCC2/SLC12A1 Antibody [NBP1-57622] - Sample Tissue: Human A549 Antibody Dilution: 1.0 ug/ml

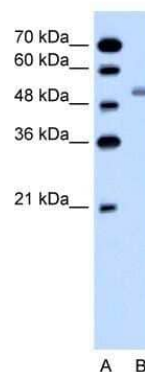
SLC12A1



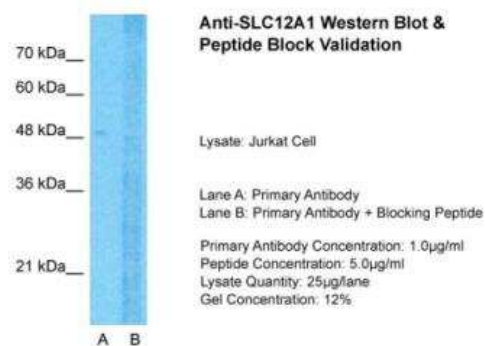
Immunohistochemistry: NKCC2/SLC12A1 Antibody [NBP1-57622] - Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0 - 8.0 ug/ml Magnification: 400X



Western Blot: NKCC2/SLC12A1 Antibody [NBP1-57622] - Jurkat cell lysate, Antibody Titration: 0.2-1 ug/ml



Western Blot: NKCC2/SLC12A1 Antibody [NBP1-57622] - Sample Tissue: Jurkat, Lane A: Primary Antibody, Lane B: Primary Antibody + Blocking Peptide, Primary Antibody Concentration: 1ug/ml, Peptide Concentration: 5ug/ml, Lysate Quantity: 25ug/lane/lane, Gel Concentration: 0.12



Publications

Toka HR, Al-Romaih K, Koshy JM et al. Deficiency of the calcium-sensing receptor in the kidney causes parathyroid hormone-independent hypocalciuria. J Am Soc Nephrol. 2012-11-01 [PMID: 22997254]



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Products Related to NBP1-57622

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006557-P01-10ug	Recombinant Human NKCC2/SLC12A1 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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