

# NKCC2 Polyclonal Antibody

Product Details	
Size	100 µl
Species Reactivity	Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human SLC12A1
Form	Liquid
Concentration	0.05 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2647346

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	1-4 µg/mL	
Immunofluorescence (IF)	✓	1-4 µg/mL	
Immunohistochemistry (IHC)	✓	1:200-1:500	

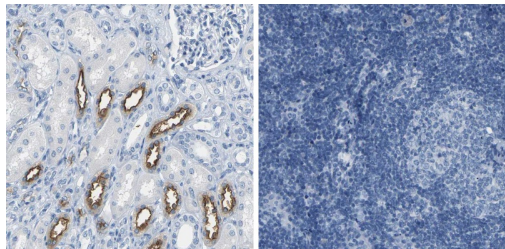
## Product Specific Information

Immunogen sequence: MSLNNSNVF LDSVPSNTNR FQVSVINENH ESSAAADDNT DPPHYEETSF GDEAQKRLRI SFRPGNQECY DNFLQSGETA KTDASFHAYD SHTNTYYLQT FGHNTMDAVP KIEYYRNTGS I

Highest antigen sequence identity to the following orthologs: Mouse - 76%, Rat - 80%.

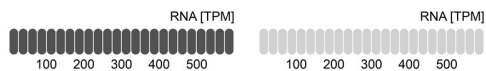
**NKCC2 Antibody (PA5-53263)**

Relative expression in different tissues in IHC: Detection of differential expression levels of NKCC2 demonstrates antibody specificity. Immunohistochemical analysis of NKCC2 using anti-NKCC2 Polyclonal Antibody (Product # PA5-53263), shows significant staining of NKCC2 in human kidney and shows minimal or weak staining in human lymph node tissues. The relative expression levels of NKCC2 within each tissue is shown using RNA-Seq. Relative expression validation info.

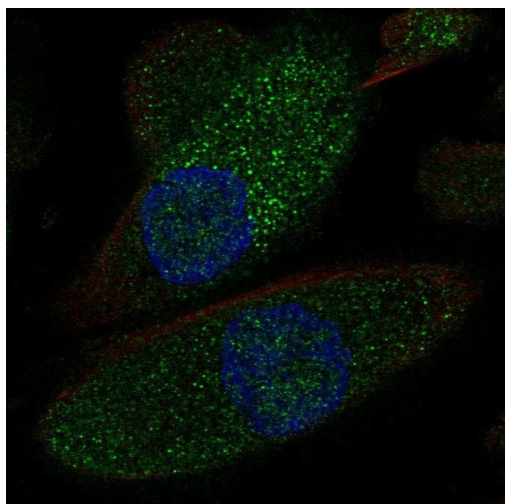


SLC12A1 in Kidney

SLC12A1 in Lymph node



**Product Images For NKCC2 Polyclonal Antibody**

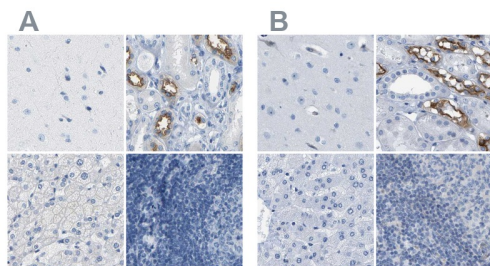


**NKCC2 Antibody (PA5-53263) in IF**

Immunofluorescent staining of NKCC2 in human cell line RPTEC TERT1 using NKCC2 Polyclonal Antibody (Product # PA5-53263) shows localization to nucleus and vesicles.

**NKCC2 Antibody (PA5-53263) in IHC**

Immunohistochemical staining of NKCC2 in human cerebral cortex, kidney, liver and lymph node using NKCC2 Polyclonal Antibody (Product # PA5-53263) (A) shows similar protein distribution across tissues to an independent NKCC2 Polyclonal Antibody (B).



## View more figures on [thermofisher.com](https://thermofisher.com)

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.