



**RABBIT ANTI-SODIUM, POTASSIUM, CHLORIDE COTRANSPORTER 2 (NKCC2)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3562P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Recognizes rat Sodium, Potassium, Chloride Cotransporter 2 (NKCC2, BSC1, CCC2). The immunogen shows no significant sequence homology with NKCC1 or TSC.
IMMUNOGEN:	A 15 amino acid peptide sequence near the C-terminus of rat NKCC2 (1).
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Full length human NKCC2 is ~150 kDa. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-20 µg/mL on paraformaldehyde fixed tissue. ELISA: 0.5-1 µg/mL using 1 µg/mL control peptide per well. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Rat. Reactivity with other species has not been confirmed. The immunogen sequence is 100% conserved in mouse, 87% in human and rabbit.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in PBS containing 0.1% BSA.
STORAGE/HANDLING:	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
RELATED REFERENCES:	1) Gamba G et al (1994) <i>J Biol. Chem.</i> 269 :17713; Simon DB et al (1996) <i>Nature Genet.</i> 13 :183; Mount DB et al (1995) <i>J Am. Soc. Nephrol.</i> 6 :347; Igarashi P et al (1995) <i>Am. J. Physiol.</i> 269 :F405; Haas M et al (1987) <i>Am. J. Physiol.</i> 253 :C243; Mount DB et al (1998) <i>J. Exptl. Biol.</i> 201 :2091 (review).

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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