

**RABBIT ANTI-K⁺ Cl⁻ COTRANSPORTER-2 (KCC2)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3264
LOT NUMBER:	xxxxxxxx
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Recognizes K ⁺ Cl ⁻ Cotransporter-2 (KCC2). The immunogen shows no significant sequence homology with other KCCs or CCC.
IMMUNOGEN:	An 18 amino acid peptide within the cytoplasmic, N-terminus of rat KCC2.
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-20 µg/mL on formaldehyde fixed tissue. ELISA: 1:10,000-1:100,000 using 50-100 ng control peptide per well. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Rat. The immunogen sequence is 94% conserved in mouse and human. Reactivity with other species has not been confirmed.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in PBS, containing 0.1% BSA and 0.05% sodium azide.
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:	Payne, JA et al (1996) <i>J. Biol. Chem.</i> 271 :16245. Gillen, CM et al (1996) <i>J. Biol. Chem.</i> 271 :16237. Haap, S et al (1998) gene Accession # AJ011033. Mount, DB et al (1998) <i>J Exptl. Biol.</i> 201 :2091. O'Neill, WC (1999) <i>Am J. Physiol.</i> 276 :C995.

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

For research use only; not for use as a diagnostic.

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9-19-2003/AB3264/CB/03/28/08/jc