



**RABBIT ANTI-EPITHELIAL SODIUM CHANNEL BETA (ENaC beta)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3532P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1 mg/mL
SPECIFICITY:	Recognizes rat Epithelial Sodium Channel beta (ENaC beta). The immunogen shows no significant sequence homology with other ENaC subunits.
IMMUNOGEN:	A 20 amino acid peptide sequence near the N-terminus of rat ENaC beta (1).
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 paraformaldehyde fixed tissue. ELISA: 0.5-1.0 µg/mL using 1 µg/mL control peptide (not provided by Millipore) to coat plate. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Rat. The immunogen sequence is 100% conserved in mouse, 94% in rabbit, 81% in human, 70% in ovine and 64% in xenopus. Reactivity with other species has not been confirmed.
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) Canessa CM et al (1993) <i>Nature</i> 361 :463-467; Kreutz R et al (1997) <i>Hypertension</i> 29 :131-136; McDonald FJ et al (1994) <i>Am. J. Physiol.</i> 268 :1157-1163; Voilley N et al (1995) <i>Genomics</i> 28 :560-565; Hansson JH et al (1995) <i>Nature Genetics</i> 11 :76-82; Hansson JH et al (1995) <i>Proc. Natl. Acad. Sci.</i> 92 :11495-11499; Chang SS et al (1996) <i>Nature Genet.</i> 12 :248-253; Garty H and Palmer LG (1997) <i>Physiol. Reviews.</i> 77 :359-396 (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 μ L 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.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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