



**RABBIT ANTI-EPITHELIAL SODIUM CHANNEL ALPHA (ENaC alpha)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB3530P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Recognizes rat Epithelial Sodium Channel alpha (ENaC alpha). 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 alpha (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 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 90% conserved in mouse, 75% in human 70% in rabbit and 65% in bovine.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in PBS + 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) Linguela E et al (1993) <i>FEBS Lett.</i> 318 :95-99; Canessa CM et al (1993) <i>Nature</i> 361 :467-470; Snyder PM et al (1994) <i>J. Biol. Chem.</i> 269 :24379-83; Waldmann R et al (1995) <i>J. Biol. Chem.</i> 270 :11735-11737; Kreutz R et al (1997) <i>Hypertension</i> 29 :131-136; Voilley N et al (1994) <i>Proc. Natl. Acad. Sci.</i> 91 :247-251; McDonald FJ et al (1994) <i>Am. J. Physiol.</i> 266 :L728-L734; Ludwig M et al (1998) <i>Human Genet.</i> 102 :576-581; 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 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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