

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

<b>CATALOG NUMBER:</b>	AB3532P
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	50 µg
<b>CONCENTRATION:</b>	1 mg/mL
<b>SPECIFICITY:</b>	Recognizes rat Epithelial Sodium Channel beta (ENaC beta). The immunogen shows no significant sequence homology with other ENaC subunits.
<b>IMMUNOGEN:</b>	A 20 amino acid peptide sequence near the N-terminus of rat ENaC beta (1).
<b>APPLICATIONS:</b>	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 (Catalog Number AG380) to coat plate. Optimal working dilutions must be determined by the end user.
<b>SPECIES REACTIVITIES:</b>	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.
<b>FORMAT:</b>	Affinity purified immunoglobulin.
<b>PRESENTATION:</b>	Liquid in PBS containing 0.1% BSA and 0.05% sodium azide.
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.
<b>RELATED REFERENCES:</b>	1) Canessa CM et al (1993) <i>Nature</i> <b>361</b> :463-467; Kreutz R et al (1997) <i>Hypertension</i> <b>29</b> :131-136; McDonald FJ et al (1994) <i>Am. J. Physiol.</i> <b>268</b> :1157-1163; Voilley N et al (1995) <i>Genomics</i> <b>28</b> :560-565; Hansson JH et al (1995) <i>Nature Genetics</i> <b>11</b> :76-82; Hansson JH et al (1995) <i>Proc. Natl. Acad. Sci.</i> <b>92</b> :11495-11499; Chang SS et al (1996) <i>Nature Genet.</i> <b>12</b> :248-253; Garty H and Palmer LG (1997) <i>Physiol. Reviews.</i> <b>77</b> :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 as a diagnostic.*

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