

**RABBIT ANTI-Na<sup>+</sup>-HCO<sup>3-</sup> COTRANSPORTER 3 (NBC3)  
AFFINITY PURIFIED  
POLYCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	AB3296P
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	50 µg
<b>CONCENTRATION:</b>	1.0 mg/mL
<b>SPECIFICITY:</b>	Recognizes human Na <sup>+</sup> -HCO <sup>3-</sup> (NBC3). No significant homology with NBC or NBC2.
<b>IMMUNOGEN:</b>	A 19 amino acid peptide sequence within the cytoplasmic C-terminus of human NBC3 (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: 1:10,000-1:100,000 using 50-100 ng control peptide per well. Optimal working dilutions must be determined by the end user.
<b>SPECIES REACTIVITIES:</b>	Human. The immunogen sequence is 83% conserved in rat. Reactivity with other species has not been confirmed.
<b>FORMAT:</b>	Affinity purified immunoglobulin.
<b>PRESENTATION:</b>	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) Pushkin A et al (1999) <i>J. Biol. Chem.</i> <b>274</b> :16569-16575; Choi I et al (1999) gene Accession # AF070475; Amlal H et al (1999) <i>Am. J. Physiol.</i> <b>276</b> :F903-F913; Solemani M & Burnham CE et al (2000) <i>Kidney Intl.</i> <b>57</b> :371-384 (review); Romero MF & Boron WF et al (1999) <i>Ann. Rev. Physiol.</i> <b>61</b> :699-723 (review).

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

**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.*

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.