



RABBIT ANTI-TAURINE TRANSPORTER AFFINITY PURIFIED POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB5414P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Recognizes Taurine Transporter (TAU1). The immunogen shows no significant sequence homology with other known proteins.
IMMUNOGEN:	A 20 amino acid peptide near the carboxy terminal cytoplasmic region of rat Taurine Transporter (1).
APPLICATIONS:	Western blot: 1-10 µg/mL using ECL. Tau1 is approx 65-70 kDa. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 2-20 µg/mL. ELISA: 1:10,000-1:100,000 using 50-100 ng control peptide (Catalog Number AG341) 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 shows 100% sequence homology with mouse, 90% with human and canine and 78% with bovine.
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:	1) Smith, K.E. et al. (1992) <i>Mol. Pharmacol.</i> 42 :563-569; Liu, Q.R. et al. (1993) <i>JBC</i> , 268 :2106-2112; Uchida, S. et al., (1992) <i>PNAS USA</i> 89 :8230-8234; Jhiang, S.M. et al., (1993) <i>FEBS Lett.</i> 318 :139-144.

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 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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