



**RABBIT ANTI-RAT NOREPINEPHRINE TRANSPORTER (NET)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

CATALOG NUMBER:	AB5066P
LOT NUMBER:	
QUANTITY:	50 µg
CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Specific for Norepinephrine Transporter (NET). Norepinephrine Transporter is a 617 amino acid long integral membrane protein belonging to the Sodium: Neurotransmitter Symporter family (1) the immunogen peptide shows no significant homology with other known proteins.
IMMUNOGEN:	A 22 amino acid peptide sequence mapping to the 1 st extracellular domain of rat NET.
APPLICATIONS:	<u>Western blot</u> : 1-10 µg/mL (Chemiluminescence technique) <u>Immunohistochemistry</u> : Not tested. It is recommended that you use at 2-10 µg/mL on paraformaldehyde fixed sections. <u>ELISA</u> : 1:10,000-1:100,000 using 50-100 ng immunogen peptide/well. Optimal working dilutions must be determined by the end user.
SPECIES REACTIVITIES:	Rat. Antibody cross-reactivity with various species is not known. The immunogen peptide shows sequence homology of 100% with mouse, 90% with human, monkey and bovine and 85% with chicken NET.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Liquid in PBS with 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.
REFERENCE:	Kantor, L. et al., <i>J Pharmacology and Experimental Therapeutics</i> (2001) 297 :1016-1024.
RELATED REFERENCES:	1) <i>JBC</i> (1995) 270 :9197-9201; <i>Nature</i> (1991) 350 :350-354; <i>JBC</i> (1994) 269 :12290-12297.
Important Note:	<i>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.</i>

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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