MILLIPORE

CHEMICON
now part of Millipore

RABBIT ANTI-ARGININE VASOPRESSIN RECEPTOR V1a (AVR-V1a) AFFINITY PURIFIED POLYCLONAL ANTIBODY

CATALOG NUMBER: AB3508P

LOT NUMBER:

QUANTITY: 50 μg

CONCENTRATION: 1 mg/mL

SPECIFICITY: Recognizes rat Arginine Vasopressin Receptor V1a (AVR-V1a). The immunogen shows no significant sequence homology with AVR-V1b, AVR-V2 or AVR-V3.

IMMUNOGEN: An 18 amino acid peptide sequence within the cytoplasmic domain between the TM5 and TM6 of rat AVR-V1a (1).

APPLICATIONS: Western blot: 1-10 μg/mL using ECL.
Immunohistochemistry: It is recommended that the antibody be tried at 2-10 μg/mL on paraformaldehyde fixed tissue.
ELISA: 0.5-1 μg/mL using 1 μg/mL control peptide per well.
Optimal working dilutions must be determined by the end user.

SPECIES REACTIVITIES: Rat. The immunogen peptide is 55% conserved in mouse AVR-V1a. Reactivity with other species has not been confirmed.

FORMAT: Affinity purified immunoglobulin.

PRESENTATION: Liquid in PBS, containing 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. Morel A et al (1992) *Nature* **356**, 523-526; Innamorti G et al (1996) *Biochem J* **314**, 709-711; Thibonnier, M et al (1994) *J Biol Chem*. **269**, 3304-10; Hirasawa A et al (1994) *BBRC* **203**, 72-79.

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.