



## RABBIT ANTI-ADENOSINE A2a RECEPTOR POLYCLONAL ANTIBODY

- CATALOG NO:** AB1559
- LOT NUMBER:**
- QUANTITY:** 50  $\mu$ L
- SPECIFICITY:** Adenosine A2a receptor. Recognizes a band of approximately 45 kDa in human (coronary artery), and rat, porcine and bovine striatal membranes.
- IMMUNOGEN:** Amino acid sequence near the C-terminal cytoplasmic domain (30 amino acids) of the cloned canine A2a receptor. The A2a sequence selected is not present in A1, A2b and A3 receptors.
- APPLICATIONS:** Western blot: 1:1,000-1:5,000 (Chemiluminescence technique), 40-100  $\mu$ g membrane proteins/lane of striatal membranes. Higher concentrations of the antibody may be necessary if colorimetric detection or milk-based antibody diluent are used.  
ELISA: 1:10,000-1:50,000 (50-100 ng A2aR peptide (Cat. Number AG285)/well)  
Optimal working dilutions must be determined by end user.
- SPECIES REACTIVITIES:** Human, rat, bovine, porcine and canine.
- FORMAT:** Rabbit antiserum.
- PRESENTATION:** Liquid containing 0.05% sodium azide.
- STORAGE/HANDLING:** Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.
- RELATED REFERENCES:** (1). Libert, F. et al (1989) *Science* **244**, 569-572; Tucker, AL and Linden, J (1993) *Cardiovascular Res.* **27**, 62-67; Olah, ME and Stile, G (1995) *Ann. Rev. Pharmacol.* **35**, 581-606;  
(2). Marala, RB and Mustafa, SJ (1994) *FASEB J*, **8**, A850

**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  $\mu$ l 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 IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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