



RABBIT ANTI-ADENOSINE A2b RECEPTOR AFFINITY PURIFIED POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB1589P	QUANTITY:	50 µg
LOT NUMBER:		CONCENTRATION:	1.0 mg/mL
SPECIFICITY:	Adenosine A2b receptor. Recognizes a band of approximately 50-52 kDa in several rat, mouse and human tissues (thymus, placenta, colon and small intestine). The antibody also recognizes the 35 kDa band in small intestine. Does not recognize the native receptors. No bands were detected in skeletal muscle or heart. The antibody will not recognize native protein in immunoprecipitation experiments.		
IMMUNOGEN:	Amino acid sequence corresponding to the 2nd extracellular domain (16 amino acids) of the human brain A2bR gene (1).		
APPLICATIONS:	<u>Immunohistochemistry</u>: 10-50 µg/mL on frozen and formalin fixed tissue sections. The receptor was localized in epithelial cells of the crypts, and in syncytiotrophoblast cells of human placenta and in T84 human colon adenocarcinoma cells. <u>Western blot</u>: 1-10 µg/mL (Chemiluminescence technique), 40-100 µg membrane proteins/lane of striatal membranes. Higher concentrations of the antibody may be necessary if colorimetric detection or milk-based antibody diluent are used. <u>ELISA</u>: 1:10,000-1:50,000 (50-100 ng A2aR peptide (Cat. Number AG292)/well) Optimal working dilutions must be determined by end user.		
SPECIES REACTIVITY:	Human, rat and mouse. Other species have not yet been tested.		
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.		
REFERENCES:	1) <i>BBRC</i> (1992) 187:86-93; <i>Cardiovascular Res.</i> (1993) 27:62-67; <i>Ann. Rev. Pharmacol.</i> (1995) 35:581-606. 2) <i>Mol. Pharmacol.</i> (1995) 47:1126-1132.		

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 IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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