antibodies

Datasheet for ABIN7300326 anti-Adenosine A2b Receptor antibody (C-Term)

3 Images

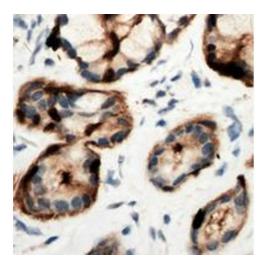


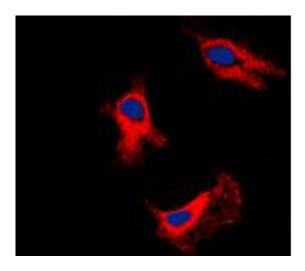
Overview

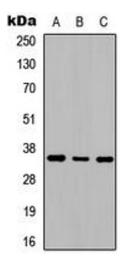
Quantity:	100 µL
Target:	Adenosine A2b Receptor (ADORA2B)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A2b Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC),
	Immunochromatography (IC)
Product Details	
Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of
	human Adenosine A2b Receptor.
Specificity:	Recognizes endogenous levels of Adenosine A2b Receptor protein.
Characteristics:	Rabbit polyclonal antibody to Adenosine A2b Receptor
Purification:	The antibody was purified by immunogen affinity chromatography.
Target Details	
Target:	Adenosine A2b Receptor (ADORA2B)
Alternative Name:	Adenosine A2b Receptor (ADORA2B Products)

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Target Details		
Background:	Adenosine receptor A2b	
Gene ID:	136, 11541, 29316	
UniProt:	P29275, Q60614, P29276	
Pathways:	cAMP Metabolic Process, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process	
Application Details		
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.	
Expiry Date:	12 months	







Immunohistochemistry

Image 1. Immunohistochemical analysis of Adenosine A2b Receptor staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugad compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. w

Immunofluorescence

Image 2. Immunofluorescent analysis of Adenosine A2b Receptor staining in SHSY5Y cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Western Blotting

Image 3. Western blot analysis of Adenosine A2b Receptor expression in SHSY5Y (A), NIH3T3 (B), rat kidney (C) whole cell lysates.

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