10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Adenosine A2b Receptor Antibody
Catalog # AP53841

Specification

Anti-Adenosine A2b Receptor Antibody - Product Information

Application	**WB, IF, IHC**
Primary Accession	P29275
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**36333**

Anti-Adenosine A2b Receptor Antibody - Additional Information

Gene ID 136

Other Names
Adenosine receptor A2b

Target/Specificity
Recognizes endogenous levels of Adenosine A2b Receptor protein.

Dilution
WB~~1/500 - 1/1000
IF~~1/50 - 1/200
IHC~~1:100~500

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Adenosine A2b Receptor Antibody - Protein Information

Name ADORA2B

Function
Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.

Cellular Location
Cell membrane; Multi-pass membrane protein.

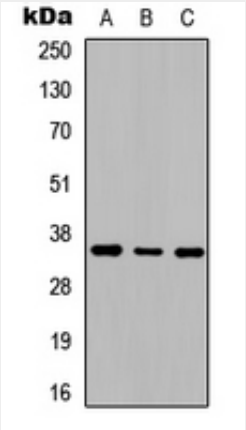
Anti-Adenosine A2b Receptor Antibody - Protocols

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

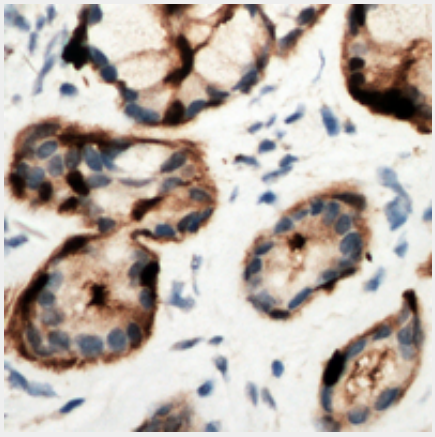
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Adenosine A2b Receptor Antibody - Images

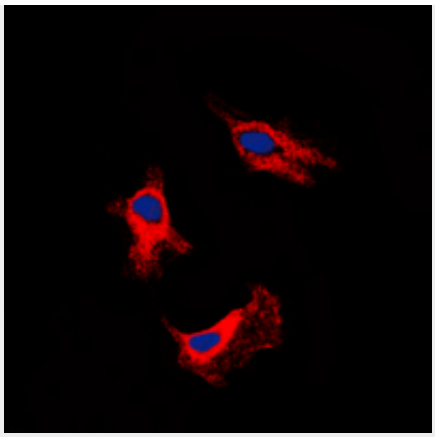


Western blot analysis of Adenosine A2b Receptor expression in SHSY5Y (A), NIH3T3 (B), rat kidney (C) whole cell lysates.



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 conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999



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).

Anti-Adenosine A2b Receptor Antibody - Background

Rabbit polyclonal antibody to Adenosine A2b Receptor