

Anti-Adenosine A2b Receptor Antibody Catalog # AP53841

Specification

Anti-Adenosine A2b Receptor Antibody - Product Information

Application	WB, IF
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

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

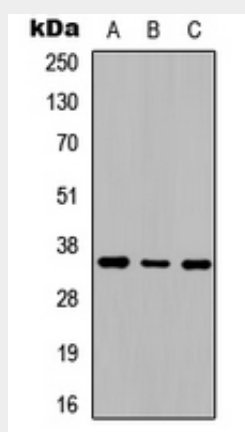
Cell membrane; Multi-pass membrane protein.

Anti-Adenosine A2b Receptor Antibody - Protocols

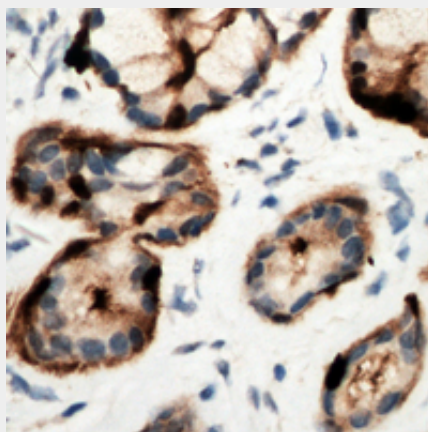
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

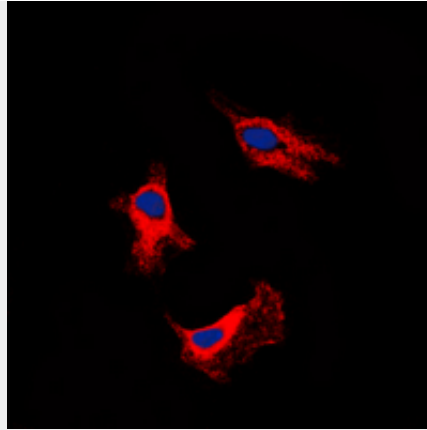
Anti-Adenosine A2b Receptor Antibody - Images



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.



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 humidified 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