

## Anti-Adenosine A3 Receptor Antibody

Rabbit polyclonal antibody to Adenosine A3 Receptor Catalog # AP60531

#### Specification

## **Anti-Adenosine A3 Receptor Antibody - Product Information**

Application Primary Accession Other Accession Reactivity Host Clonality Calculated MW WB, IF/IC <u>PODMS8</u> <u>Q61618</u> Human, Mouse, Rat Rabbit Polyclonal 36185

## Anti-Adenosine A3 Receptor Antibody - Additional Information

Gene ID 140

**Other Names** Adenosine receptor A3

**Target/Specificity** Recognizes endogenous levels of Adenosine A3 Receptor protein.

Dilution WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A

**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 A3 Receptor Antibody - Protein Information

#### Name ADORA3 (<u>HGNC:268</u>)

**Function** [Isoform 2]: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase (PubMed:<a href="http://www.uniprot.org/citations/8234299" target="\_blank">8234299</a>).

Cellular Location Cell membrane {ECO:0000250|UniProtKB:Q28309}; Multi-pass membrane protein

**Tissue Location** 



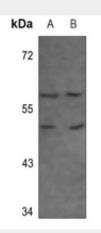
Expressed in the lung and bone. Expressed at lower levels in osteosarcoma tissues (at protein level)

## Anti-Adenosine A3 Receptor Antibody - Protocols

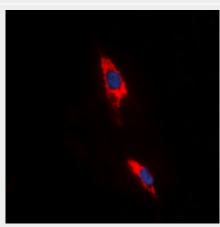
Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

## Anti-Adenosine A3 Receptor Antibody - Images



Western blot analysis of Adenosine A3 Receptor expression in MCF7 (A), H1792 (B) whole cell lysates.



Immunofluorescent analysis of Adenosine A3 Receptor staining in HeLa 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 A3 Receptor Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Adenosine A3 Receptor. The exact sequence is proprietary.