

Anti-Adenosine A3 Receptor Antibody
Rabbit polyclonal antibody to Adenosine A3 Receptor
Catalog # AP60531**Specification**

Anti-Adenosine A3 Receptor Antibody - Product Information

Application	WB, IF
Primary Accession	P0DMS8
Other Accession	Q61618
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	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~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

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 A3 Receptor Antibody - Protein Information**Name** ADORA3 ([HGNC:268](#))**Function**

[Isoform 2]: Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibits adenylyl cyclase (PubMed:8234299).

Cellular Location

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

Tissue Location

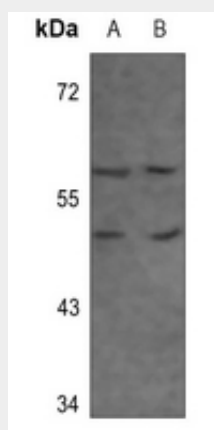
Expressed in the lung and bone. Expressed at lower levels in osteosarcoma tissues (at protein level)

Anti-Adenosine A3 Receptor Antibody - Protocols

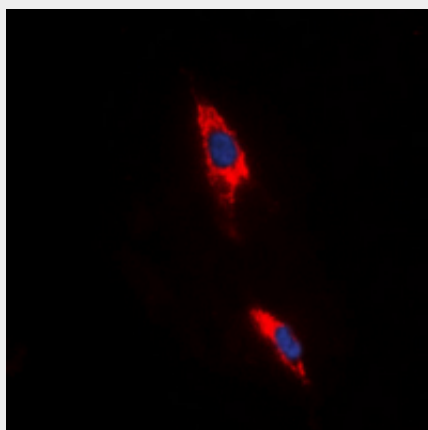
Provided below are standard protocols that you may find useful for product applications.

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

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 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 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.