

Product Data Sheet

Anti-Adenosine A2a Receptor Antibody

Catalog #	Source	Reactivity	Applications
CPA1023	Rabbit	H, M, R, Mk	WB, IF/IC
Description	Rabbit polyclonal antibody to Adenosine A2a Receptor		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Adenosine A2a Receptor. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Adenosine A2a Receptor protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)		
Gene Symbol	ADORA2A		
Alternative Names	ADORA2; Adenosine receptor A2a		
Entrez Gene	135 (Human); 11540 (Mouse); 25369 (Rat)		
SwissProt	P29274 (Human); Q60613 (Mouse); P30543 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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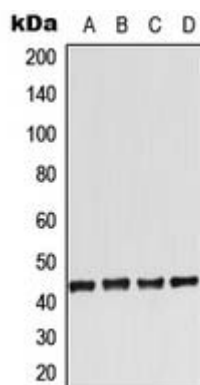
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Western blot analysis of Adenosine A2a Receptor expression in HeLa (A), Raw264.7 (B), H9C2 (C), rat kidney (D) whole cell lysates.



Immunofluorescent analysis of Adenosine A2a Receptor staining in Raw264.7 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).

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