

Rabbit ADORA2A Polyclonal Antibody | anti-ADORA2A antibody

ADORA2A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326250	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

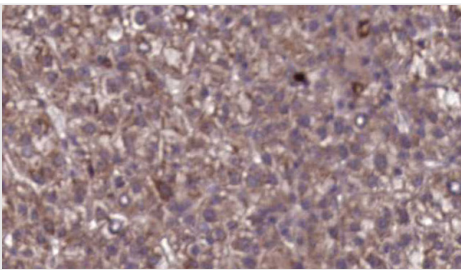
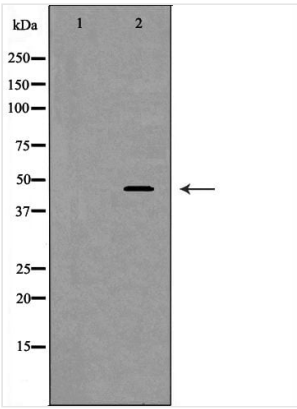
PRODUCT SYNONYMS

ADORA2A; Polyclonal Antibody; ADORA2A Antibody; A2AAR; A2aR; AA2AR_HUMAN; ADENO; Adenosine A2 receptor; Adenosine A2a receptor; Adenosine receptor A2a; Adenosine receptor subtype A2a; ADORA 2; ADORA2; hA2aR; RDC 8; RDC8; anti-ADORA2A antibody

PRODUCT SPECIFICATIONS

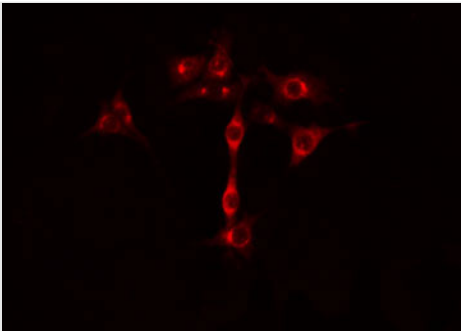
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ADORA2A antibody detects endogenous levels of total ADORA2A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-ADORA2A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ADORA2A
Subcellular Location	Cell Membrane
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA326250 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

WB (Western Blot)
Western blot analysis of Hela whole cell lysates, using ADORA2A Antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA326250 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ADORA2A antibody

Description: This gene encodes a protein which is one of several receptor subtypes for adenosine. The activity of the encoded protein, a G-protein coupled receptor family member, is mediated by G proteins which activate adenylyl cyclase. The encoded protein is abundant in basal ganglia, vasculature and platelets and it is a major target of caffeine. [provided by RefSeq, Jul 2008]

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

Subunit Structure: Interacts (via cytoplasmic C-terminal domain) with USP4; the interaction is direct. May interact with DRD4. Interacts with NECAB2.

Post-translational Modifications: Ubiquitinated. Deubiquitinated by USP4; leading to stabilization and expression at the cell surface.

Similarity: The cytoplasmic C-terminal domain is necessary for targeting the non-ubiquitinated form of this protein to the cell surface. Belongs to the G-protein coupled receptor 1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5921992
NCBI GeneID	135
NCBI Accession #	NP_000666.2
NCBI GenBank Nucleotide #	NM_000675.5
UniProt Accession #	P29274; B2R7E0

Molecular Weight	Observed: 45 kDa Predicted: 45 kDa
NCBI Official Full Name	adenosine receptor A2a
NCBI Official Synonym Full Names	adenosine A2a receptor
NCBI Official Symbol	ADORA2A
NCBI Official Synonym Symbols	A2aR; RDC8; ADORA2
NCBI Protein Information	adenosine receptor A2a
UniProt Protein Name	Adenosine receptor A2a
UniProt Gene Name	ADORA2A
UniProt Synonym Gene Names	ADORA2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/adora2a-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/326250>