

Goat ADORA2A Polyclonal Antibody | anti-ADORA2A antibody

ADORA2A Polyclonal Antibody

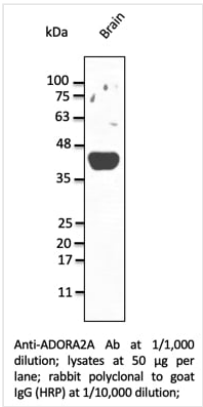
CATALOG # AAA63159	HOST Goat	REACTIVITY Human, Rat, Mouse, Canine, Monkey proteins	APPLICATIONS Western Blot
------------------------------	---------------------	---	-------------------------------------

PRODUCT SYNONYMS

ADORA2A; Polyclonal Antibody; ADORA2A Polyclonal Antibody; Anti-ADORA2A; A2aR; ADORA2; RDC8 antibody; anti-ADORA2A antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human, Rat, Mouse, Canine, Monkey proteins
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogenous levels of ADORA2A in brain by Western blot.
Purity/Purification	Epitope affinity purified
Form/Format	Polyclonal antibody supplied as a 100ul (3mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.
Sequence Length	412
Applicable Applications for anti-ADORA2A antibody	WB (Western Blot)
Immunogen	Recombinant peptide derived from within residues 360 aa to the C-terminus of human ADORA2A produced in E. coli.
Conjugation	Unconjugated
Antigen	Recombinant peptide derived from within residues 360 aa to the C-terminus of human ADORA2A produced in E. coli.
Handling	The antibody solution should be gently mixed before use.
Preparation and Storage	Store at -20 degree C for long-term storage. Store at 2-8 degree C for up to one month. For continuous use, store at 2-8 degree C for one-two days. For extended storage, store in -20 degree C freezer. Working dilution samples should be discarded if not used within 12 hours. Avoid freeze/thaw cycles.



Reactivity Data

Reactivity chart				
Sample	Western Blot	Immunofluorescence	Immunohistochemistry (p)	Immunohistochemistry (f)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-ADORA2A antibody	Adenosine receptor A2a Goat polyclonal antibody to ADORA2A. It is a member of the guanine nucleotide binding coupled receptor (GPCR) superfamily. The receptors are seven-pass transmembrane proteins that respond to extracellular stimuli and activate intracellular signal transduction pathways. It plays an important role in many biological functions, including cerebral and renal blood flow, immune function, cardiac rhythm and circulation, pain regulation, and sleep. It has been implicated in pathophysiological conditions such as neurodegenerative and inflammatory disorders.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	511772970
NCBI GeneID	135
NCBI GenBank Nucleotide #	NP_001265428.1
UniProt Accession #	P29274
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
UniProt Entry Name	AA2AR_HUMAN

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.