

Rabbit ADORA2A/Adenosine A2A Receptor Polyclonal Antibody | anti-ADORA2A antibody

Rabbit Polyclonal to Human ADORA2A/Adenosine A2A Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51100	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

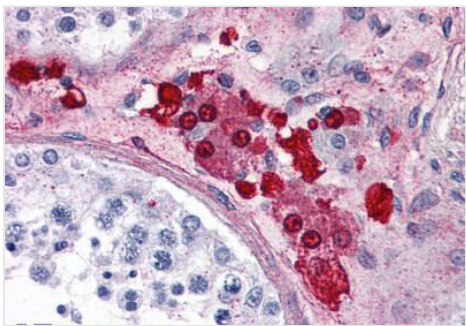
PRODUCT SYNONYMS

ADORA2A/Adenosine A2A Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human ADORA2A/Adenosine A2A Receptor; Anti-ADORA2A/Adenosine A2A Receptor Antibody (C-Terminus) IHC-plus; Adenosine receptor A2a; ADORA2; A2a receptor; Adenosine A2a receptor; Adenosine A2 receptor; Adenosine receptor subtype A2a; HA2aR; RDC8; Human ADORA2A/Adenosine A2A Receptor; anti-ADORA2A antibody

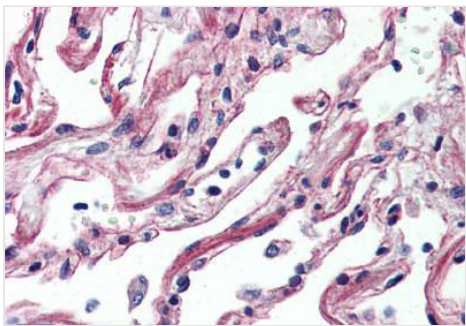
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ADORA2A. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	412
Applicable Applications for anti-ADORA2A antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 20 amino acid peptide from C-terminal cytoplasmic domain of human ADORA2A. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey, Marmoset (95%); Dog (80%).
Immunogen Type	Synthetic peptide
Immunogen	ADORA2A/Adenosine A2A Receptor antibody was raised against synthetic 20 amino acid peptide from C-terminal cytoplasmic domain of human ADORA2A. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey, Marmoset (95%); Dog (80%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-ADORA2A antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-ADORA2A antibody IHC of human lung. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADORA2A antibody	The A2a Adenosine Receptor is a major target of caffeine. This receptor inhibits cell aggregation, induces vasodilation, and downregulates inflammation.
Product Categories/Family for anti-ADORA2A antibody	Family: GPCR; Subfamily: Adenosine

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	44,707 Da
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; adenosine receptor subtype 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.