

Rabbit ADORA2B/Adenosine A2B Receptor Polyclonal Antibody | anti-ADORA2B antibody

Rabbit Polyclonal to Human ADORA2B/Adenosine A2B Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51590	Rabbit	Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

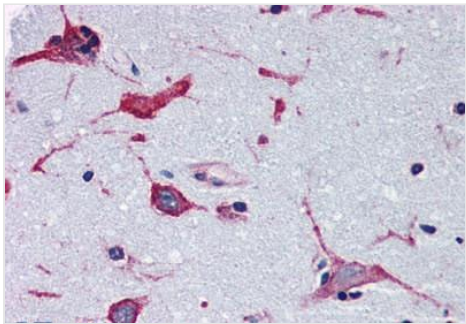
PRODUCT SYNONYMS

ADORA2B/Adenosine A2B Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human ADORA2B/Adenosine A2B Receptor; Anti-ADORA2B/Adenosine A2B Receptor Antibody (Internal) IHC-plus; ADORA2; A2b receptor; Adenosine A2b receptor; Adenosine a2b; Adenosine receptor A2b; A2b adenosine receptor; Human ADORA2B/Adenosine A2B Receptor; anti-ADORA2B antibody

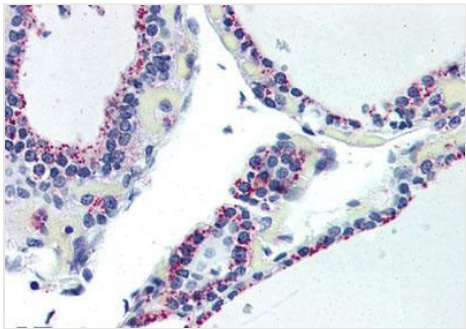
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human Predicted Reactivity: Monkey, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human Adenosine A2b Receptor. 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	332
Applicable Applications for anti-ADORA2B antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 16 amino acid peptide from internal region of human Adenosine A2b Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset, Horse (94%); Rabbit (88%); Dog (81%).
Immunogen Type	Synthetic peptide
Immunogen	ADORA2B/Adenosine A2B Receptor antibody was raised against synthetic 16 amino acid peptide from internal region of human Adenosine A2b Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset, Horse (94%); Rabbit (88%); Dog (81%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-Adenosine A2b Receptor antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-Adenosine A2b Receptor antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ADORA2B antibody	The A2b Adenosine Receptor is a target of theophylline and enprofylline in the treatment of asthma. In lung mast cells, A2b receptors are associated with the release of inflammatory mediators. They can also bind the axonal chemoattractant netrin-1 (Corset et al., 2000). Netrin-1-dependent outgrowth of axons in the dorsal spinal cord directly involves the adenosine A2b receptor and may involve a receptor complex containing the DCC (deleted in colorectal cancer) protein and adenosine A2b receptor.
Product Categories/Family for anti-ADORA2B antibody	Family: GPCR; Subfamily: Adenosine

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501951
NCBI GeneID	136
NCBI Accession #	NP_000667.1
NCBI GenBank Nucleotide #	NM_000676.2
UniProt Accession #	P29275
Molecular Weight	36,333 Da
NCBI Official Full Name	adenosine receptor A2b
NCBI Official Synonym Full Names	adenosine A2b receptor
NCBI Official Symbol	ADORA2B
NCBI Official Synonym Symbols	ADORA2
NCBI Protein Information	adenosine receptor A2b
UniProt Protein Name	Adenosine receptor A2b
UniProt Gene Name	ADORA2B
UniProt Entry Name	AA2BR_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.