Datasheet for ABIN317695

anti-Adenosine A2b Receptor antibody

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Overview

Quantity:	0.1 mg
Target:	Adenosine A2b Receptor (ADORA2B)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A2b Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of Adenosine A2B-R protein.(region surrounding Trp270)
Purification:	Affinity Chromatography using epitope-specific immunogen

Target Details

Target:	Adenosine A2b Receptor (ADORA2B)
Alternative Name:	Adenosine Receptor A2b (ADORA2B Products)
Background:	Adenosine is involved in a variety of processes, including the synthesis of urea, the anti-inflammatory response, and the inhibition of protein synthesis. The adenosine receptors, including adenosine A1-R, adenosine A2A-R, adenosine A2B-R, and adenosine A3-R, are integral membrane proteins that are members of the G protein-coupled receptor family. The A1-R protein mediates ureagenesis in a partially calcium-dependent manner. Adenosine is known to

Target Details

	mediate coronary vasodilation via the A2A-R receptor. Collagen synthasis and total protein synthesis are inhibited in certain cells by adenosine, acting via the A2B receptors. Activation of the A3-R receptor inhibits the induction of the cytokine TNFα and blocks the endotoxin CD14 receptor signal transduction pathway.Synonyms: ADORA2B
Molecular Weight:	approx. 34 kDa
Gene ID:	136
NCBI Accession:	NP_000667
UniProt:	P29275
Pathways:	cAMP Metabolic Process, Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	ELISA: 1/5000-1/20000. Western Blot: 1/500-1/1000. Immunofluorescence: 1/50-1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH ~7.2, 0.05 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

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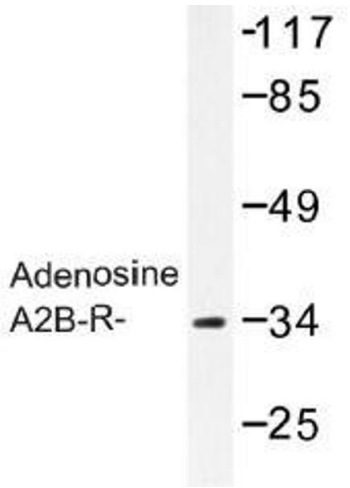

Image 1.

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