

Datasheet for ABIN2857019
anti-ADORA1 antibody



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2 Images

Overview

Quantity:	100 µL
Target:	ADORA1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADORA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of human Adenosine A1 Receptor. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Cat, Human, Mouse
Characteristics:	Rabbit polyclonal antibody to Adenosine receptor A1 (adenosine A1 receptor) Adenosine A1 Receptor antibody [N3C2], Internal
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	ADORA1
Alternative Name:	adenosine A1 receptor (ADORA1 Products)

Target Details

Background: The protein encoded by this gene is an adenosine receptor that belongs to the G-protein coupled receptor 1 family. There are 3 types of adenosine receptors, each with a specific pattern of ligand binding and tissue distribution, and together they regulate a diverse set of physiologic functions. The type A1 receptors inhibit adenylyl cyclase, and play a role in the fertilization process. Animal studies also suggest a role for A1 receptors in kidney function and ethanol intoxication. Transcript variants with alternative splicing in the 5' UTR have been found for this gene.

Cellular Localization: Cell membrane

Molecular Weight: 37 kDa

Gene ID: 134

UniProt: [P30542](#)

Pathways: [EGFR Signaling Pathway](#), [Negative Regulation of Hormone Secretion](#), [Synaptic Membrane](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: NIH-3T3

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

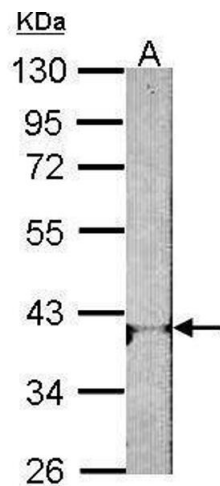
Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

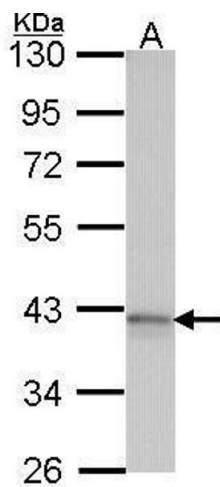
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate)
A:NIH-3T3 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A:
Hela 10% SDS PAGE Adenosine receptor A1 antibody
antibody diluted at 1:1000