Datasheet for ABIN5066693

anti-ADORA1 antibody (C-Term) (PE)

3 Images

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Overview

Quantity:	100 µg
Target:	ADORA1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADORA1 antibody is conjugated to PE
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Synthetic peptide from the C-terminal of Human Adenosine receptor A1
Isotype:	IgG
Specificity:	Detects ~37 kDa.
Cross-Reactivity:	Human
Purification:	Peptide Affinity Purified

Target Details

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

Target Details

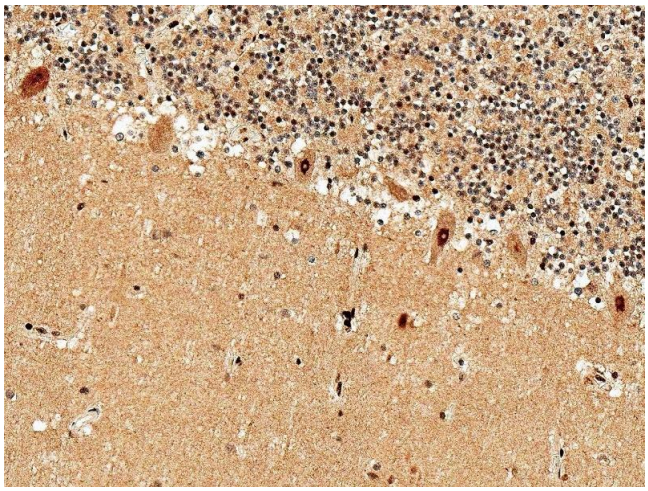
Gene ID:	134
NCBI Accession:	NP_000665
UniProt:	P30542
Pathways:	EGFR Signaling Pathway, Negative Regulation of Hormone Secretion, Synaptic Membrane

Application Details

Application Notes:	• WB (1:1000) • ICC/IF (1:100) • IHC (1:50) • optimal dilutions for assays should be determined by the user.
Comment:	A 1:1000 dilution of ABIN5066693 was sufficient for detection of Adenosine receptor A1 in 15 µg of human HeLa cell lysates by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Restrictions:	For Research Use only

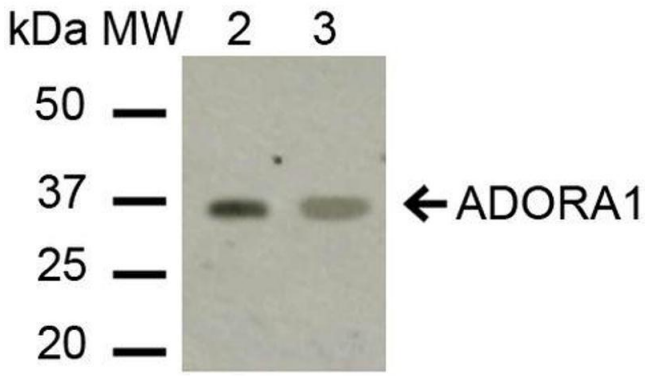
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Conjugated antibodies should be stored at 4°C



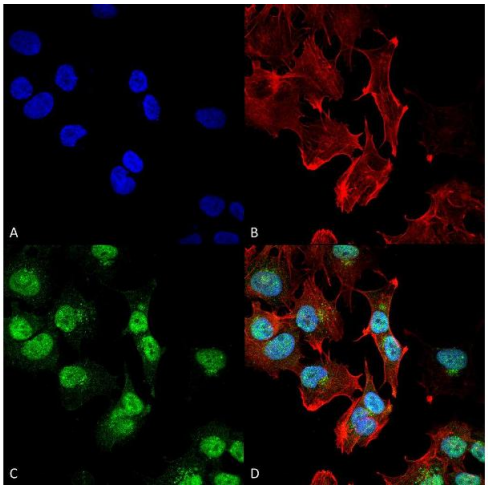
Immunohistochemistry

Image 1. Immunohistochemistry analysis using Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody (ABIN5066693). Tissue: Cerebellum. Species: Human. Fixation: Formalin Fixed Paraffin-Embedded. Primary Antibody: Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody (ABIN5066693) at 1:50 for 30 min at RT. Counterstain: Hematoxylin. Magnification: 20X.



Western Blotting

Image 2. Western blot analysis of Human HeLa and 293Trap cell lysates showing detection of ~36.5 kDa Adenosine receptor A1 protein using Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody . Lane 1: Molecular Weight Ladder (MW). Lane 2: HeLa cell lysates. Lane 3: 293Trap cell lysates. Load: 15 µg. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Goat Anti-Rabbit IgG: HRP at 1:1000 for 60 min at RT. Color Development: ECL solution for 6 min in RT. Predicted/Observed Size: ~36.5 kDa.



Immunofluorescence (fixed cells)

Image 3. Immunocytochemistry/Immunofluorescence analysis using Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody . Tissue: Neuroblastoma cell line (SK-N-BE). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Rabbit Anti-Adenosine receptor A1 Polyclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:200 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60 min at RT, 5 min at RT. Localization: Cell Membrane, Multi-Pass Membrane Protein. Magnification: 60X. (A) DAPI (blue) nuclear stain (B)

Phalloidin Texas Red F-Actin stain (C) Adenosine receptor A1 Antibody (D) Composite.