

Datasheet for ABIN7245533
anti-Adenosine A3 Receptor antibody

2 Images

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Overview

Quantity:	200 µL
Target:	Adenosine A3 Receptor (ADORA3)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A3 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human ADORA3
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	Adenosine A3 Receptor (ADORA3)
Alternative Name:	ADORA3 (ADORA3 Products)
Background:	This gene encodes a protein that belongs to the family of adenosine receptors, which are G-protein-coupled receptors that are involved in a variety of intracellular signaling pathways and physiological functions. The receptor encoded by this gene mediates a sustained cardioprotective function during cardiac ischemia, it is involved in the inhibition of neutrophil

Target Details

degranulation in neutrophil-mediated tissue injury, it has been implicated in both neuroprotective and neurodegenerative effects, and it may also mediate both cell proliferation and cell death. Alternative splicing results in multiple transcript variants. This gene shares its 5' terminal exon with some transcripts from overlapping GeneID:57413, which encodes an immunoglobulin domain-containing protein.

Molecular Weight: Observed_MW: Refer to figures
Calculated_MW: 36 kDa

UniProt: [P0DMS8](#)

Pathways: [Hormone Transport](#), [cAMP Metabolic Process](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:25-1:100, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.4 mg/mL

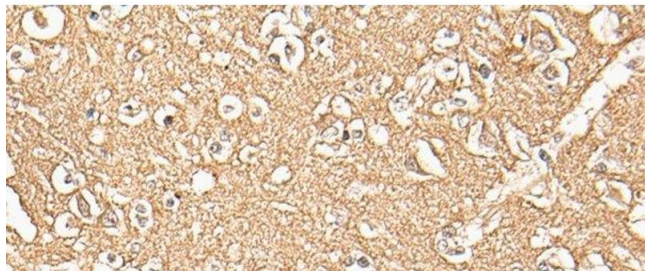
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

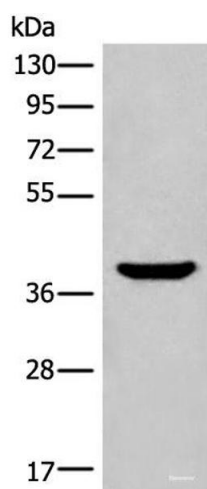
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human brain tissue using ADORA3 Polyclonal Antibody at dilution of 1:30(x200)



Western Blotting

Image 2. Western blot analysis of Mouse liver tissue lysate using ADORA3 Polyclonal Antibody at dilution of 1:400