

Datasheet for ABIN215585
anti-ADORA1 antibody (AA 163-176)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	ADORA1
Binding Specificity:	AA 163-176
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADORA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Sequence corresponding to the 3rd extracellular domain (aa163-176, GEPVIAEFKVIS) of the rat A1R gene. Percent identity by BLAST analysis: Human, Orangutan, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Bat, Dog, Rabbit, Guinea pig (93%), Gibbon, Panda, Horse, Pig (86%).
Isotype:	IgG
Specificity:	Recognizes Adenosine A1 receptor (A1R) at 79kD and 39kD bands of in cortical membranes. The 79kD band can be converted to 39kD band by agonist or antagonist treatment and could represent a A1R dimers. Species cross-reactivity: Human, rat, porcine and sheep. Species Homology: Canine and rabbit- 92 % , bovine-78 %.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Orangutan, Monkey, Marmoset, Mouse, Rat,

Product Details

Hamster, Elephant, Bat, Dog, Rabbit, Guinea pig (93%) Gibbon, Panda, Horse, Pig (86%).

Purification: Immunoaffinity purified

Target Details

Target: ADORA1

Alternative Name: ADORA1 / Adenosine A1 Receptor ([ADORA1 Products](#))

Background: Name/Gene ID: ADORA1
Subfamily: Adenosine
Family: GPCR

Synonyms: ADORA1, A1 adenosine receptor, A1ar, Adenosine A1 receptor, Adenosine receptor A1, ADO-A1 receptor, RDC7

Gene ID: 134

UniProt: [P30542](#)

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

Application Details

Application Notes: Approved: ELISA (1:10000 - 1:50000), IHC, IHC-Fr, WB (1 - 10 µg/mL)

Usage: Suitable for use in ELISA, Western Blot and Immunohistochemistry. ELISA: 1:10000-1:50000. Western Blot (ECL): 1-10 µg/mL. Higher concentrations of antibody may be necessary if colorimetric detection or milk-based antibody diluent are used. Immunohistochemistry (Frozen): 10 µg/mL.

Comment: Target Species of Antibody: Rat

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.1 % BSA

Handling Advice: Avoid repeated freezing and thawing.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.