

Datasheet for ABIN6735509
anti-ADORA1 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	ADORA1
Binding Specificity:	N-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADORA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide 14aa sequence corresponding to rat A1R gene. This region corresponds to the 3rd extracellular domain, N-terminus. A cysteine has been added at the NH2 terminus for coupling to KLH. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes Adenosine A1 Receptor. Species cross-reactivity: Rat, porcine, lamb. Species sequence Homology: Mouse, canine, rabbit and human: 92 % , bovine: 78 %.
Purification:	Protein A 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), WB (1 - 10 µg/mL) Usage: Suitable for use in ELISA and Western Blot. Western Blot: 1-10 µg/mL using Detects 79 and 39kD bands in cortical membranes from rat, pig, and lamb. The 79kD band can be converted to 39kD band by agonist or antagonist treatment and could represent a A1R dimers. A1R, photoaffinity labeled with 125I-R-AHPIA as 39kD band. ELISA: 1:10000-1:50000 using 50-100 ng A1R control peptide/well.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	100 mM Tris, pH 7.5, 0.2 % BSA, 0.05 % sodium azide, 40 % glycerol.
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 repeat freeze-thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.