

Datasheet for ABIN2788274
anti-ADORA1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ADORA1
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Cow, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADORA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ADORA1
Sequence:	THGNSAMNPI VYAFRIQKFR VTFLKIWNH FRCQPAPPID EDLPEERPDD
Predicted Reactivity:	Cow: 79%, Guinea Pig: 86%, Horse: 93%, Human: 100%, Rabbit: 82%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against ADORA1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ADORA1
Alternative Name:	ADORA1 (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. Alias Symbols: RDC7 Protein Interaction Partner: SNF8, ATXN1L, EPB41L2, GRM1, P2RY1, GNAI2, GNAS, GNAO1, GNAZ, DRD1, ADA, Protein Size: 326
Molecular Weight:	36 kDa
Gene ID:	134
NCBI Accession:	NM_000674 , NP_000665
UniProt:	P30542
Pathways:	EGFR Signaling Pathway , Negative Regulation of Hormone Secretion , Synaptic Membrane

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 326 AA
Restrictions:	For Research Use only

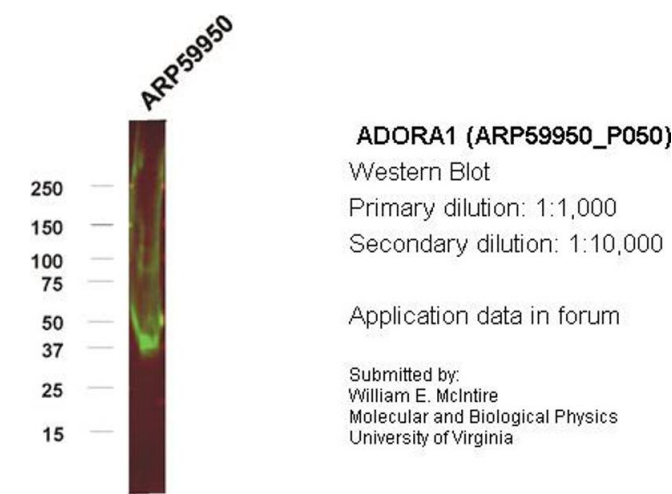
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeated freeze-thaw cycles.

Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.