

Datasheet for ABIN2788277

**anti-Adenosine A2b Receptor antibody (C-Term)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	Adenosine A2b Receptor (ADORA2B)
Binding Specificity:	C-Term
Reactivity:	Human, Guinea Pig, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Adenosine A2b Receptor 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 ADORA2B
Sequence:	AKSLAMIVGI FALCWLPVHA VNCVTLFQPA QGKNKPKWAM NMAILLSHAN
Predicted Reactivity:	Dog: 79%, Guinea Pig: 79%, Horse: 93%, Human: 100%, Rabbit: 86%
Characteristics:	This is a rabbit polyclonal antibody against ADORA2B. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Adenosine A2b Receptor (ADORA2B)
Alternative Name:	ADORA2B ( <a href="#">ADORA2B Products</a> )

## Target Details

Background:	<p>This gene encodes an adenosine receptor that is a member of the G protein-coupled receptor superfamily. This integral membrane protein stimulates adenylate cyclase activity in the presence of adenosine. This protein also interacts with netrin-1, which is involved in axon elongation. The gene is located near the Smith-Magenis syndrome region on chromosome 17.</p> <p>Alias Symbols: ADORA2</p> <p>Protein Interaction Partner: UBC, ZNF267, TPD52L2, SLC9A3R2, NTN1, EZR, DCC, ADA,</p> <p>Protein Size: 332</p>
Molecular Weight:	36 kDa
Gene ID:	136
NCBI Accession:	<a href="#">NM_000676</a> , <a href="#">NP_000667</a>
UniProt:	<a href="#">P29275</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

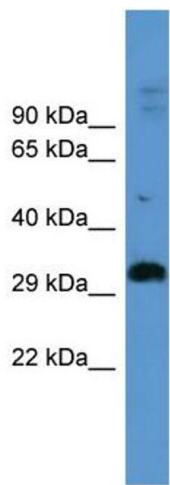
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 332 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.
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.



Western Blotting

**Image 1.** WB Suggested Anti-ADORA2B Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate