

# Datasheet for ABIN929408 anti-ADRA1B antibody (N-Term)





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#### Overview

Quantity:	100 μL
Target:	ADRA1B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

#### **Product Details**

Immunogen:	ADRA1 B antibody was raised in rabbit using the N terminal of ADRA1 as the immunogen
Purification:	Purified

## Target Details

ADRA1B

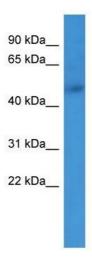
Target:

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Alternative Name:	ADRA1B (ADRA1B Products)
Background:	Alpha-1-adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor
	superfamily. They activate mitogenic responses and regulate growth and proliferation of many
	cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the
	Gq/11 family of G-proteins and different subtypes show different patterns of activation. This
	gene encodes alpha-1B-adrenergic receptor, which induces neoplastic transformation when
	transfected into NIH 3T3 fibroblasts and other cell lines. Thus, this normal cellular gene is

## **Target Details**

	identified as a protooncogene. Synonyms: Polyclonal ADRA1B antibody, Anti-ADRA1B antibody, adrenergic, alpha-1B-, receptor antibody, ADRA1 antibody, ALPHA1BAR antibody.
Pathways:	AMPK Signaling, Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process
Application Details	
Application Notes:	WB: 0.2-1 μg/mL
	Optimal conditions should be determined by the investigator.
Comment:	ADRA1B Blocking Peptide, catalog no. 33R-9914, is also available for use as a blocking control
	in assays to test for specificity of this ADRA1B antibody
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in
	PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

### **Images**



#### **Western Blotting**

**Image 1.** Western Blot showing ADRA1B antibody used at a concentration of 1-2 ug/ml to detect its target protein.