

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



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1 Image

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

Target:	ADRA1B
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 µg/ml to detect its target protein.