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Datasheet for ABIN7237862
anti-ADRA1B antibody

1	Image

Overview

Quantity:	200 µL
Target:	ADRA1B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRA1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthetic peptide of human ADRA1B
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

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

Target Details

	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 identified as a protooncogene. This gene comprises 2 exons and a single large intron of at least 20 kb that interrupts the coding region.
Molecular Weight:	57 kDa
NCBI Accession:	NM_000679
UniProt:	P35368
Pathways:	AMPK Signaling, Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	WB 1:200-1:1000
Restrictions:	For Research Use only

Handling

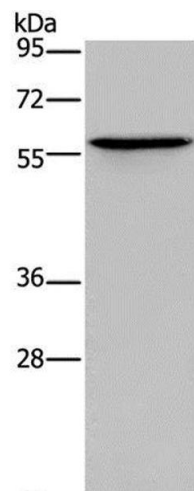|	
Format:	Liquid
Concentration:	0.3 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images

Western Blotting

Image 1. Western Blot analysis of Human lung cancer tissue using ADRA1B Polyclonal Antibody at dilution of 1:550