

Datasheet for ABIN391399

anti-beta 2 Adrenergic Receptor antibody (AA 364-393)[Go to Product page](#)**1** Image

Overview

Quantity:	400 µL
Target:	beta 2 Adrenergic Receptor (ADRB2)
Binding Specificity:	AA 364-393
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This ADRB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 364-393 amino acids from human ADRB2.
Clone:	RB16638
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	beta 2 Adrenergic Receptor (ADRB2)
Alternative Name:	ADRB2 (ADRB2 Products)
Background:	ADRB2, beta-2-adrenergic receptor which is a member of the G protein-coupled receptor

Target Details

superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This protein is intronless.

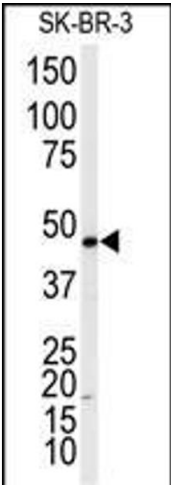
Molecular Weight:	46459
Gene ID:	154
NCBI Accession:	NP_000015
UniProt:	P07550
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Brown Fat Cell Differentiation

Application Details

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

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of anti-ADRB2 Antibody f in SK-BR-3 cell line lysates (35 µg/lane). ADRB2 (arrow) was detected using the purified Pab.