

Datasheet for ABIN7303150

anti-ADRB1 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ADRB1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ADRB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Beta-1 Adrenergic Receptor.
Specificity:	Recognizes endogenous levels of Beta-1 Adrenergic Receptor protein.
Characteristics:	Rabbit polyclonal antibody to Beta-1 Adrenergic Receptor
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	ADRB1
Alternative Name:	beta-1 Adrenergic Receptor (ADRB1 Products)
Background:	ADRB1R, B1AR, Beta-1 adrenergic receptor, Beta-1 adrenoreceptor, Beta-1 adrenoceptor

Target Details

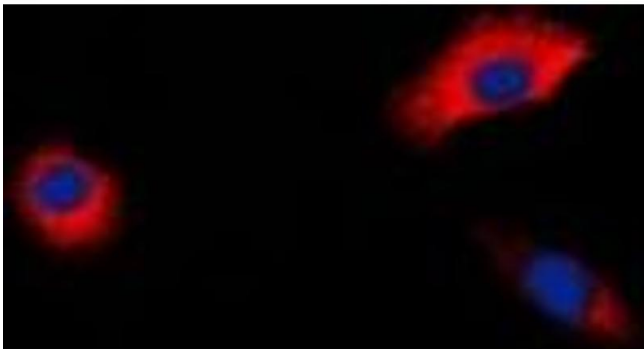
Gene ID:	153
UniProt:	P08588
Pathways:	cAMP Metabolic Process , Cellular Glucan Metabolic Process , Regulation of Muscle Cell Differentiation , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Brown Fat Cell Differentiation

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

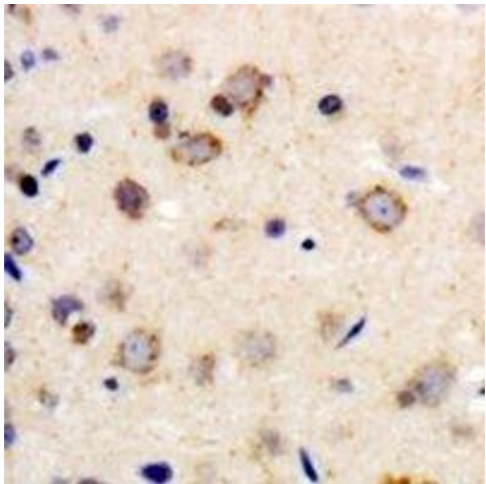
Handling

Format:	Liquid
Buffer:	Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % 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:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



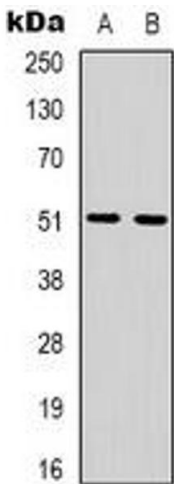
Immunofluorescence

Image 1. Immunofluorescent analysis of Beta-1 Adrenergic Receptor staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with



Immunohistochemistry

Image 2. Immunohistochemical analysis of Beta-1 Adrenergic Receptor staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then



Western Blotting

Image 3. Western blot analysis of Beta-1 Adrenergic Receptor expression in HepG2 (A), A431 (B) whole cell lysates.