# antibodies -online.com







# anti-ADRB1 antibody





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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

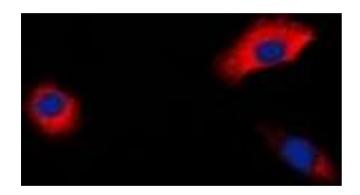
Application Details		
Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Liquid in PBS, pH 7.3, 0.2 % BSA, and 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	

-20 °C

12 months

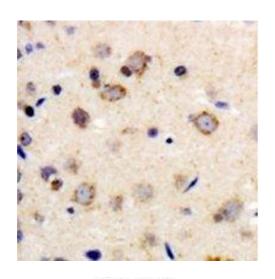
Storage:

Expiry Date:



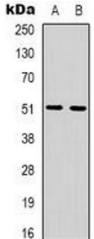
### **Immunofluorescence**

**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 pretreated 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.