

Datasheet for ABIN1534261

anti-beta 2 Adrenergic Receptor antibody (AA 201-250)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	beta 2 Adrenergic Receptor (ADRB2)
Binding Specificity:	AA 201-250
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human ADRB2.
Isotype:	IgG
Specificity:	ADRB2 Antibody detects endogenous levels of total ADRB2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	beta 2 Adrenergic Receptor (ADRB2)
Alternative Name:	ADRB2 (ADRB2 Products)
Background:	Synonyms: Beta-2 adrenergic receptor, Beta-2 adrenoceptor, Beta-2 adrenoreceptor, ADRB2,

Target Details

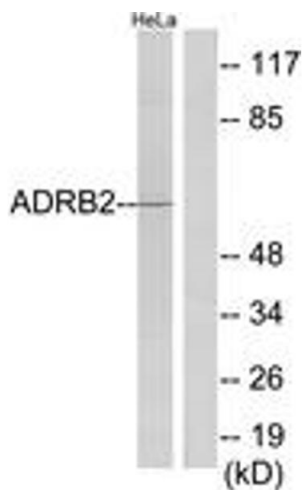
	ADRB2R, B2AR, NCBI Gene Symbol: ADRB2
Molecular Weight:	46 kDa
Gene ID:	154
OMIM:	109690
UniProt:	P07550
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Brown Fat Cell Differentiation

Application Details

Application Notes:	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Comment:	Unigene-Number: Hs.2551 (NCBI Gene Symbol: ADRB2)
Restrictions:	For Research Use only

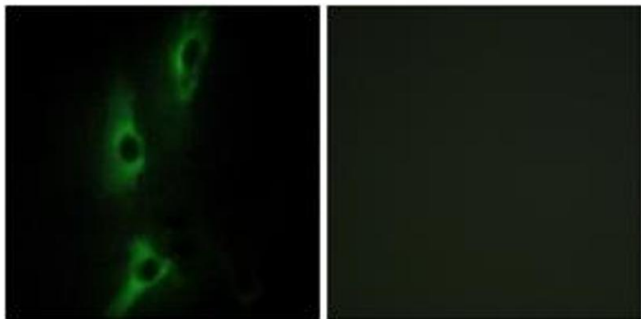
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells, using ADRB2 Antibody. The lane on the right is treated with the synthesized peptide.



Immunofluorescence

Image 2. Immunofluorescence analysis of NIH-3T3 cells, using ADRB2 Antibody. The picture on the right is treated with the synthesized peptide.