

Datasheet for ABIN1531482

anti-beta 2 Adrenergic Receptor antibody (pSer355)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	beta 2 Adrenergic Receptor (ADRB2)
Binding Specificity:	AA 331-380, pSer355
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor B2 around the phosphorylation site of Ser355 and Ser356.
Isotype:	IgG
Specificity:	Adrenergic Receptor B2 (Phospho-Ser355+Ser356) Antibody detects endogenous levels of Adrenergic Receptor B2 only when phosphorylated at Ser355 and Ser356. PhosphorylationH:S355+S356 M:S355+S356 R:S355+S356
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

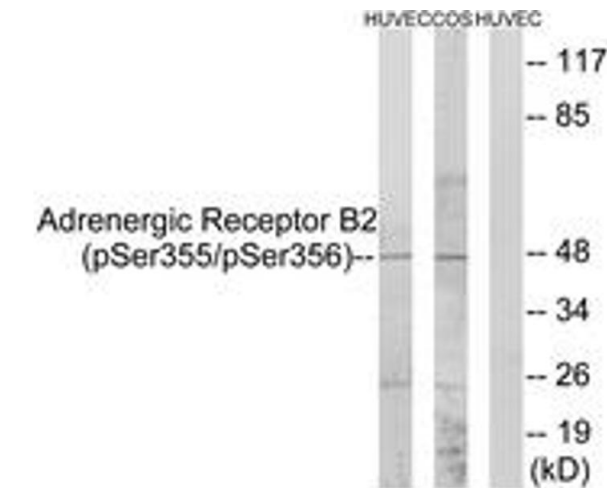
Target:	beta 2 Adrenergic Receptor (ADRB2)
Abstract:	ADRB2 Products
Background:	Synonyms: Beta-2 adrenergic receptor, Beta-2 adrenoceptor, Beta-2 adrenoreceptor, ADRB2, ADRB2R, B2AR NCBI Gene Symbol: ADRB2
Molecular Weight:	46 kDa
Gene ID:	154
OMIM:	109690
UniProt:	P07550
Pathways:	cAMP Metabolic Process , Synaptic Membrane , Regulation of G-Protein Coupled Receptor Protein Signaling , Brown Fat Cell Differentiation

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.591251 (NCBI Gene Symbol: ADRB2)
Restrictions:	For Research Use only

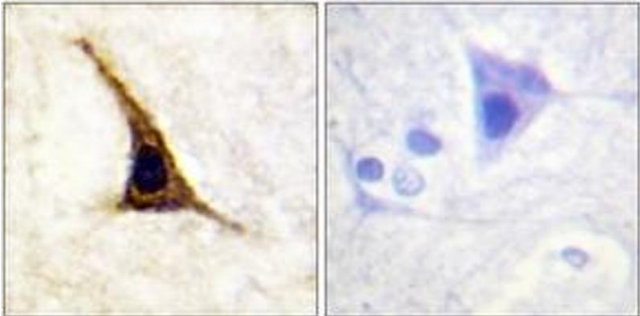
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), 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 HuvEc cells treated with serum 20% 15' and COS7 cells treated with serum 20% 15', using Adrenergic Receptor B2 (Phospho-Ser355+Ser356) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain, using Adrenergic Receptor B2 (Phospho-Ser355+Ser356) Antibody. The picture on the right is treated with the synthesized peptide.