

Datasheet for ABIN7138567

anti-beta 2 Adrenergic Receptor antibody (pSer346)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	beta 2 Adrenergic Receptor (ADRB2)
Binding Specificity:	pSer346
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Adrenergic Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of serine 346 (R-S-S(p)-L-K) derived from Human Adrenergic Receptor beta2.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	beta 2 Adrenergic Receptor (ADRB2)
Alternative Name:	ADRB2 (ADRB2 Products)

Target Details

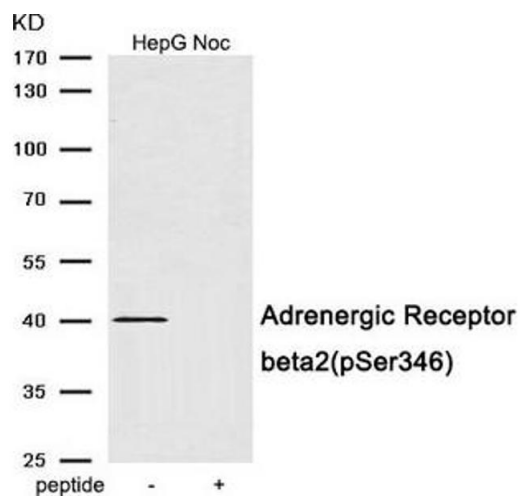
Background:	Background: Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine. Gao S, Malbon C, Wang HY (2014) J Mol Signal 9, 3 24690384 Curated Info Vistein R, Puthenveedu MA (2013) Proc Natl Acad Sci U S A 110, 15289-94 Gimenez LE, et al. (2012) J Biol Chem 287, 9028-40 Aliases: ADRB2 antibody, ADRB2_HUMAN antibody, ADRB2R antibody, ADRBR antibody, Adrenergic beta 2 receptor surface antibody, Adrenoceptor beta 2 surface antibody, B2AR antibody, BAR antibody, beta 2 adrenoceptor antibody, Beta 2 adrenoreceptor antibody, Beta-2 adrenergic receptor antibody, Beta-2 adrenoceptor antibody, Beta-2 adrenoreceptor antibody, BETA2AR antibody, Catecholamine receptor antibody, OTTHUMP00000160386 antibody
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,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in 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,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with Nocodazole using Phospho-Adrenergic Receptor beta2 (Ser346) antibody. The lane on the right is treated with the antigen-specific peptide.