

AR- β 2 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A10881	Rabbit	1 mg/ml	46557
Applications	WB,IHC,IF,ELISA		
Reactivity	Human		
Dilution	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. IF: 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-AR- β 2 (S346) Polyclonal Antibody detects endogenous levels of AR- β 2 protein only when phosphorylated at S346.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor beta2 around the phosphorylation site of Ser346. AA range:321-370		
Uniprot No	P07550		
Alternative names	ADRB2; ADRB2R; B2AR; Beta-2 adrenergic receptor; Beta-2 adrenoceptor; Beta-2 adrenoceptor		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	adrenoceptor beta 2(ADRB2) Homo sapiens This gene encodes beta-2-adrenergic receptor which is a member of the G protein-coupled receptor superfamily. This receptor is directly associated with one of its ultimate effectors, the class C L-type calcium channel Ca(V)1.2. This receptor-channel complex also contains a G protein, an adenylyl cyclase, cAMP-dependent kinase, and the counterbalancing phosphatase, PP2A. The assembly of the signaling complex provides a mechanism that ensures specific and rapid signaling by this G protein-coupled receptor. This gene is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes. [provided by RefSeq, Jul 2008],		
Other	ADRB2, Beta-2 adrenergic receptor; Beta-2 adrenergic receptor; Beta-2 adrenoceptor; Beta-2 adrenoceptor		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All
Species Expected

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