

Datasheet

ADRB2 polyclonal antibody

Catalog Number: PAB6871

Regulation Status: For research use only (RUO)

Product Description: Goat polyclonal antibody raised against synthetic peptide of ADRB2.

Immunogen: A synthetic peptide corresponding to C-terminus of human ADRB2.

Sequence: C-HQGTVPDSNIDSQ

Host: Goat

Theoretical MW (kDa): 46.6

Reactivity: Bovine, Human

Applications: ELISA, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Concentration: 0.5 mg/mL

Recommend Usage: ELISA (1:16000)
Western Blot (0.1-0.3 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 154

Gene Symbol: ADRB2

Gene Alias: ADRB2R, ADRBR, B2AR, BAR, BETA2AR

Gene Summary: 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]

References:

1. Leptin regulation of bone resorption by the sympathetic nervous system and CART. Elefteriou F, Ahn JD, Takeda S, Starbuck M, Yang X, Liu X, Kondo H, Richards WG, Bannon TW, Noda M, Clement K, Vaisse C, Karsenty G. Nature. 2005 Mar 24;434(7032):514-20. Epub 2005 Feb 20.