

Phospho-AR-Beta2 (S355/S356) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-PHS00712

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human Adrenergic Receptor B2

around the phosphorylation site of Ser355 and Ser356. AA range:331-380

Mol wt 46557

Species reactivity Human, mouse, rat, monkey

Clonality Polyclonal

Recommended application WB, IHC-p, ELISA

Concentration 1 mg/ml

Full name Phospho-AR-beta2 (S355/S356) Antibody

Synonyms ADRB2; ADRB2R; B2AR; Beta-2 adrenergic receptor; Beta-2 adrenoreceptor; Beta-2 adrenoceptor

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ADRB2 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. 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. ADRB2 is intronless. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes.

Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 10000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year