

bs-12979R**[Primary Antibody]****phospho-ADRB2 (Ser355 + Ser356) Rabbit pAb****BioSS**
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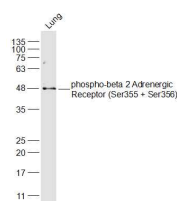
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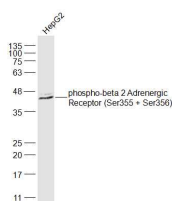
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 154 Target: phospho-ADRB2 (Ser355 + Ser356) Immunogen: KLH conjugated synthesised phosphopeptide derived from human ADRB2 around the phosphorylation site of Ser355 + Ser356: GY(p-S)(p-S)N. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: Beta 2 Adrenergic Receptor 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 contains no introns in either its coding or untranslated sequences. Different polymorphic forms, point mutations, and/or downregulation of this gene are associated with nocturnal asthma, obesity and type 2 diabetes. Expression of the beta 2 Adrenergic Receptor has been reported in adipose, blood, brain, heart, lung, nose, pancreas, skeletal muscle, skin, and vessel.	Isotype: IgG SWISS: P07550 Applications: WB (1:500-2000) Reactivity: Human, Mouse (predicted: Rat, Rabbit) Predicted MW.: 46 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lung (Mouse) Lysate at 40 ug Primary: Anti-phospho-beta 2 Adrenergic Receptor (Ser355 + Ser356) (bs-12979R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD



Sample: HepG2(Human) Cell Lysate at 30 ug Primary: Anti-phospho-beta 2 Adrenergic Receptor (Ser355 + Ser356) (bs-12979R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD