

## beta 2 Adrenergic Receptor Rabbit pAb

db1583

Package : 20µL 50µL 100µL

**Product Name** : beta 2 Adrenergic Receptor Rabbit pAb**Cat.No.:** db1583**Synonyms** : BAR; B2AR; ADRBR; ADRB2R; BETA2AR**Application** : WB, IHC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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]

**Immunogen**

A synthetic peptide of human beta 2 Adrenergic Receptor

**Gene ID**

154

**Swiss Prot**

P07550

**Synonyms**

BAR; B2AR; ADRBR; ADRB2R; BETA2AR

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC: 1:50

IP: 1:20

**Calculated MW**

47 kDa

**Observed MW**

70 kDa

**Host species**

Rabbit

**Clonality**

Polyclonal

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.