



Rabbit Anti-Human ADRB2 Polyclonal Antibody (DPABH-24854)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant Protein, antigen sequence: CRSPDFRIAFQELLCLRRSSLKAYGNGYSSNGNTGEQSGYHVEQEKENKLLCEDLPGTED FVGHQGTVPSDNIDSQGRNCSTNDSSL
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	IHC
Format	Liquid
Size	100 µl
Buffer	40% glycerol and PBS (pH 7.2).
Preservative	0.02% Sodium Azide
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

BACKGROUND

Introduction	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]
Keywords	ADRB2; adrenoceptor beta 2, surface; BAR; B2AR; ADRBR; ADRB2R; BETA2AR; beta-2 adrenergic receptor; beta-2 adrenoceptor; beta-2 adrenoreceptor; catecholamine receptor; adrenoceptor beta 2 surface; adrenergic, beta-2-, receptor, surface;

GENE INFORMATION

Entrez Gene ID	154
UniProt ID	P07550
