



Anti-ADRA1D (internal region) polyclonal antibody (DPABH-18531)

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

PRODUCT INFORMATION

Antigen Description	Alpha 1 adrenergic receptors (alpha-1-ARs) are members of the G protein-coupled receptor superfamily. They activate mitogenic responses and regulate growth and proliferation of many cells. There are 3 alpha-1-AR subtypes: alpha-1A, -1B and -1D, all of which signal through the Gq/11 family of G proteins and different subtypes show different patterns of activation. This gene encodes alpha-1D-adrenergic receptor. Similar to alpha-1B-adrenergic receptor gene, this gene comprises 2 exons and a single intron that interrupts the coding region.
Immunogen	A 12 amino acid peptide from the internal residues of human alpha 1d Adrenergic Receptor (P25100).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human, Fruit fly, Zebrafish
Purification	Protein A purified
Conjugate	Unconjugated
Applications	WB, ELISA
Format	Liquid
Size	100 µg
Buffer	Constituents: 3% BSA, PBS
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ADRA1D adrenoceptor alpha 2D [Homo sapiens]
Official Symbol	ADRA1D
Synonyms	ADRA1D; adrenoceptor alpha 1D; DAR; ADRA1; ADRA1A; ADRA1R; ALPHA1; dJ779E11.2; alpha-1D adrenergic receptor; alpha-1D adrenoceptor; alpha-1D adrenoreceptor; alpha-1A adrenergic receptor; alpha-1D-adrenergic receptor; alpha-adrenergic receptor 1a; adrenergic, alpha-1A-, receptor; adrenergic, alpha-1D-, receptor; adrenergic, alpha -1D-, receptor;
Entrez Gene ID	146
Protein Refseq	NP_000669.1
UniProt ID	B0ZBE0
Pathway	Adrenergic signaling in cardiomyocytes; Adrenoceptors; Calcium Regulation in the Cardiac Cell; Calcium signaling pathway
Function	alpha1-adrenergic receptor activity;