

ADRBK2 polyclonal antibody

Catalog # PAB4517

Size 400 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ADRBK2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 639-669 at C-terminus of human ADRBK2.
Host	Rabbit
Reactivity	Human, Monkey, Mouse
Form	Liquid
Purification	Protein G purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ADRBK2

Entrez GeneID	157
Protein Accession#	P35626
Gene Name	ADRBK2
Gene Alias	BARK2, GRK3
Gene Description	adrenergic, beta, receptor kinase 2
Omim ID	109636
Gene Ontology	Hyperlink
Gene Summary	The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the beta adrenergic receptor kinase 2 has 85% amino acid similarity with beta adrenergic receptor kinase 1, with the protein kinase catalytic domain having 95% similarity. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function. [provided by RefSeq]
Other Designations	beta adrenergic receptor kinase 2

Publication Reference

- [Chromosome mapping of the human arrestin \(SAG\), beta-arrestin 2 \(ARRB2\), and beta-adrenergic receptor kinase 2 \(ADRBK2\) genes.](#)
 Calabrese G, Sallese M, Stornaiuolo A, Stuppia L, Palka G, De Blasi A.
 Genomics 1994 Sep; 23(1):286.
- [Molecular cloning, functional expression and mRNA analysis of human beta-adrenergic receptor kinase 2.](#)
 Parruti G, Ambrosini G, Sallese M, De Blasi A.
 Biochemical and Biophysical Research Communications 1993 Jan; 190(2):475.
- [Cloning, expression, and chromosomal localization of beta-adrenergic receptor kinase 2. A new member of the receptor kinase family.](#)
 Benovic JL, Onorato JJ, Arriza JL, Stone WC, Lohse M, Jenkins NA, Gilbert DJ, Copeland NG, Caron MG, Lefkowitz RJ.
 The Journal of Biological Chemistry 1991 Aug; 266(23):14939.

Pathway

- [Chemokine signaling pathway](#)

- [Endocytosis](#)
- [Olfactory transduction](#)

Disease

- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
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- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)