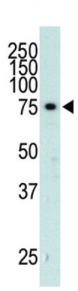
Beta-Adrenergic Receptor Kinase 2 (GRK3) Antibody

Catalogue No.:abx033110



The beta-adrenergic receptor kinase specifically phosphorylates the agonist-occupied form of the beta-adrenergic and related G protein-coupled receptors. Overall, the ADRBK2 enzyme, also known as GRK3, has 85% amino acid similarity with ADRBK1, with the protein kinase catalytic domain having 95% similarity. The ADRBK2 mRNA is approximately 8 kilobases with a distribution similar to that of ADRBK1. These data suggest the existence of a family of receptor kinases which may serve broadly to regulate receptor function.

Target:	Beta-Adrenergic Receptor Kinase 2 (GRK3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Monkey
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	KLH-conjugated synthetic peptide between 633-660 amino acids from the C-terminal region of human AD_K2.
Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35626 (UniProt, ExPASy)

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NCBI Accession:	NP_005151.2
KEGG:	hsa:157
String:	9606.ENSP00000317578
Molecular Weight:	Calculated MW: 79.7 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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