

Datasheet for ABIN7145434

anti-GRK2 antibody (AA 2-221) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GRK2 (ADRBK1)
Binding Specificity:	AA 2-221
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRK2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Beta-adrenergic receptor kinase 1 protein (2-221AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	GRK2 (ADRBK1)
Alternative Name:	GRK2 (ADRBK1 Products)
Background:	Background: Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1

Target Details

signaling. Competes with RALA for binding to LPAR1 thus affecting the signaling properties of the receptor. Desensitizes LPAR1 and LPAR2 in a phosphorylation-independent manner.

Aliases: ADRBK1 antibody, Adrenergic beta receptor kinase 1 antibody, ARBK1_HUMAN antibody, BARK antibody, BARK1 antibody, Beta adrenergic receptor kinase 1 antibody, Beta ARK 1 antibody, Beta ARK1 antibody, Beta-adrenergic receptor kinase 1 antibody, Beta-ARK-1 antibody, FLJ16718 antibody, G protein coupled receptor kinase 2 antibody, G-protein coupled receptor kinase 2 antibody, GRK2 antibody

UniProt:	P25098
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.