

Datasheet for ABIN7145435
anti-GRK2 antibody (AA 2-221) (FITC)



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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 FITC

Application: Please inquire

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

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.