

Datasheet for ABIN7140291
anti-GRK2 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	GRK2 (ADRBK1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GRK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant human ADRBK1(C-term.) protein fragments expressed in E.coli.
Isotype:	IgG1, IgG1 kappa
Cross-Reactivity:	Dog, Human, Mouse, Pig, Rat
Purification:	Affinity purified

Target Details

Target:	GRK2 (ADRBK1)
Alternative Name:	ADRBK1 (ADRBK1 Products)
Background:	Background: The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations.

Target Details

Specifically phosphorylates the agonist-occupied form of the beta-adrenergic and closely related receptors, probably inducing a desensitization of them. Key regulator of LPAR1 signaling. Competes with RALA for binding to LPAR1.

Aliases: GRK2, BARK1, BETA-ARK1

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:	Recommended dilution:WB:1:500-1:5000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2 % sodium azide, 50 %,glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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.