

GRK 2 (phospho Ser29) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A15372	Rabbit	1 mg/ml	79574
Applications	WB,IHC,ELISA		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:500 - 1:2000. IHC: 1:100 - 1:300. ELISA: 1:10000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	Phospho-GRK 2 (S29) Polyclonal Antibody detects endogenous levels of GRK 2 protein only when phosphorylated at S29.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human GRK2 around the phosphorylation site of Ser29. AA range:14-63		
Uniprot No	P25098		
Alternative names	ADRBK1; BARK; BARK1; GRK2; Beta-adrenergic receptor kinase 1; Beta-ARK-1; G-protein coupled receptor kinase 2		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	G protein-coupled receptor kinase 2(GRK2) Homo sapiens The product of this gene phosphorylates the beta-2-adrenergic receptor and appears to mediate agonist-specific desensitization observed at high agonist concentrations. This protein is an ubiquitous cytosolic enzyme that specifically phosphorylates the activated form of the beta-adrenergic and related G-protein-coupled receptors. Abnormal coupling of beta-adrenergic receptor to G protein is involved in the pathogenesis of the failing heart. [provided by RefSeq, Jul 2008],		
Other	ADRBK1, Beta-adrenergic receptor kinase 1		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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