

GRK2 Recombinant Rabbit mAb

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Catalog # AP94636

Product Information

Application	WB, IF, ICC
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG/Kappa
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. GPRK subfamily. Contains 1 AGC-kinase C-terminal domain. Contains 1 PH domain. Contains 1 protein kinase domain. Contains 1 RGS domain.
SUBUNIT	Interacts with GIT1 (By similarity). Interacts with, and phosphorylates chemokine-stimulated CCR5. Interacts with ARRB1. Interacts with LPAR1 and LPAR2. Interacts with RALA in response to LPAR1 activation. ADRBK1 and RALA mutually inhibit each other's binding to LPAR1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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].

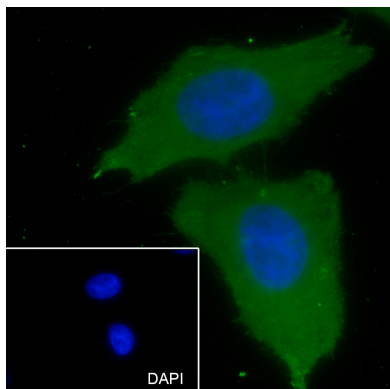
Additional Information

Target/Specificity	Expressed in peripheral blood leukocytes.
Dilution	WB=1:1000-1:5000, ICC/IF=1:50
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

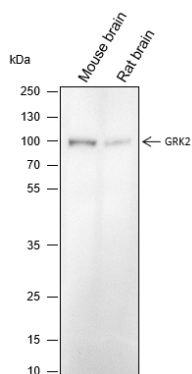
Background

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Images



Cell line: U87-MG Fixative: 100% Ice-cold methanol
Permeabilization: 0.1% TritonX-100 Primary ab dilution:
1:50 Primary incubation condition: 4°C overnight
Secondary ab: Goat Anti-Rabbit IgG Nuclear counter
stain: DAPI (Blue) Comment: Color green is the positive
signal for AP94636



Blocking buffer: 5% NFDM/TBST Primary ab dilution:
1:5000 Primary ab incubation condition: 2 hours at room
temperature Secondary ab: Goat Anti-Rabbit IgG H&L
(HRP) Lysate: Mouse brain, Rat brain Protein loading
quantity: 20 µg Exposure time: 60 s Predicted MW: 80 kDa
Observed MW: 80 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.