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Datasheet for ABIN2854491

anti-PRKACG antibody (Center)







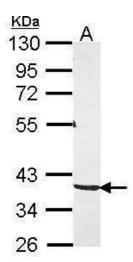
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| Quantity: | 100 μL | |
|----------------------|--|--|
| Target: | PRKACG | |
| Binding Specificity: | Center | |
| Reactivity: | Human | |
| Host: | Rabbit | |
| Clonality: | Polyclonal | |
| Conjugate: | This PRKACG antibody is un-conjugated | |
| Application: | Western Blotting (WB) | |
| Product Details | | |
| Immunogen: | Recombinant protein encompassing a sequence within the center region of human PKAgamma cat. The exact sequence is proprietary. | |
| Isotype: | IgG | |
| Characteristics: | Rabbit polyclonal antibody to PKA gamma (protein kinase, cAMP-dependent, catalytic, gamma PKAgamma cat antibody [N1C3] | |
| Purification: | Purified by antigen-affinity chromatography. | |
| Target Details | | |
| Target: | PRKACG | |
| Alternative Name: | PKA gamma (PRKACG Products) | |

Target Details

| rarget Details | | | |
|---------------------|--|--|--|
| Background: | Cyclic AMP-dependent protein kinase (PKA) consists of two catalytic subunits and a regulatory subunit dimer. This gene encodes the gamma form of its catalytic subunit. The gene is intronless and is thought to be a retrotransposon derived from the gene for the alpha form of the PKA catalytic subunit. | | |
| Molecular Weight: | 40 kDa | | |
| Gene ID: | 5568 | | |
| Pathways: | AMPK Signaling, Hedgehog Signaling, Thyroid Hormone Synthesis, G-protein mediated Events, Interaction of EGFR with phospholipase C-gamma, Lipid Metabolism | | |
| Application Details | | | |
| Application Notes: | Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications. *Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000* | | |
| Comment: | Positive Control: 293T , Raji | | |
| Restrictions: | For Research Use only | | |
| Handling | | | |
| Format: | Liquid | | |
| Concentration: | 0.92 mg/mL | | |
| Buffer: | 1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative. | | |
| Preservative: | Thimerosal (Merthiolate) | | |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTAN which should be handled by trained staff only. | | |
| Storage: | -20 °C | | |
| Storage Comment: | Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. | | |



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: 293T 10% SDS PAGE antibody diluted at 1:1000