

Datasheet for ABIN7439723
anti-PRKAG1 antibody (AA 70-300)

4 Images

[Go to Product page](#)

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | PRKAG1 |
| Binding Specificity: | AA 70-300 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRKAG1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Protein Kinase, AMP Activated Gamma 1 (PRKAg1) |
| Immunogen: | Recombinant Protein Kinase, AMP Activated Gamma 1 (PRKAg1) corresponding to Arg70~Leu300 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against PRKAg1. It has been selected for its ability to recognize PRKAg1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

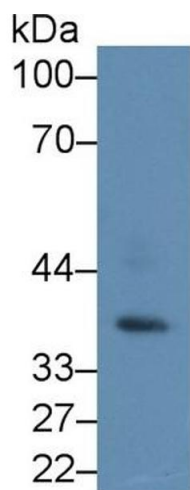
| | |
|-------------------|--|
| Target: | PRKAG1 |
| Alternative Name: | Protein Kinase, AMP Activated Gamma 1 (PRKAG1 Products) |
| Background: | AMPKG Non-Catalytic Subunit, 5'-AMP-activated protein kinase subunit gamma-1 |
| Pathways: | AMPK Signaling , Regulation of Carbohydrate Metabolic Process , Warburg Effect |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL 1:350-1400 Immunohistochemistry: 5-20 µg/mL 1:35-140 Immunocytochemistry: 5-20 µg/mL 1:35-140 Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

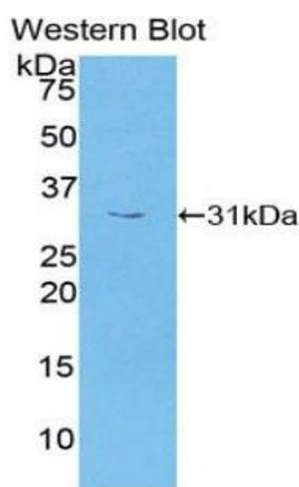
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



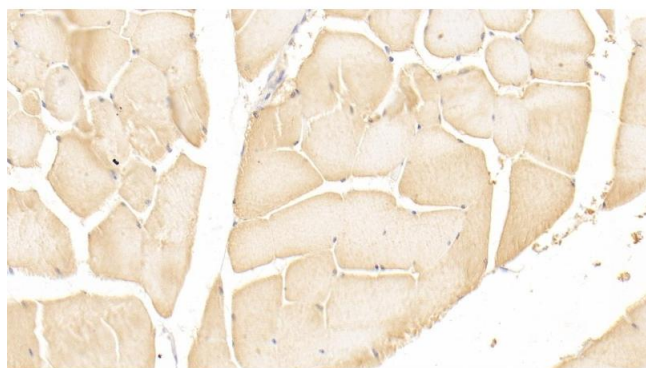
Western Blotting

Image 1. Detection of PRKAg1 in Mouse Testis lysate using Polyclonal Antibody to Protein Kinase, AMP Activated Gamma 1 (PRKAg1)



Western Blotting

Image 2. Detection of Recombinant PRKAg1, Human using Polyclonal Antibody to Protein Kinase, AMP Activated Gamma 1 (PRKAg1)



Immunohistochemistry

Image 3. Detection of PRKAg1 in Human Skeletal muscle Tissue using Polyclonal Antibody to Protein Kinase, AMP Activated Gamma 1 (PRKAg1)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7439723.