

Datasheet for ABIN7433912
anti-PRKAB1 antibody (AA 13-242)

3 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | PRKAB1 |
| Binding Specificity: | AA 13-242 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRKAB1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Protein Kinase, AMP Activated Beta 1 (PRKAb1) |
| Immunogen: | Recombinant Protein Kinase, AMP Activated Beta 1 (PRKAb1) corresponding to Arg13~Leu242 with N-terminal His and GST Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against PRKAb1. It has been selected for its ability to recognize PRKAb1 in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Mouse, Pig, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

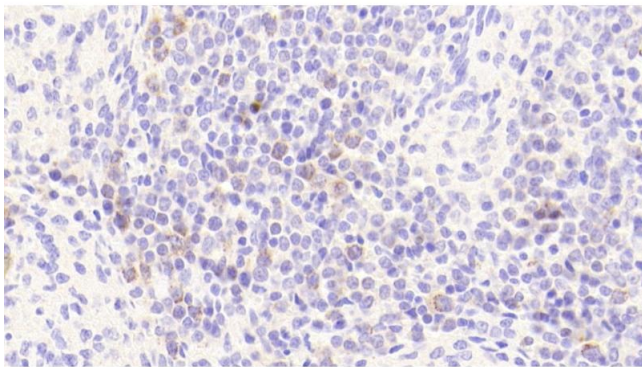
| | |
|-------------------|--|
| Target: | PRKAB1 |
| Alternative Name: | Protein Kinase, AMP Activated Beta 1 (PRKAB1 Products) |
| Background: | AMPK, HAMPKb, 5'-AMP-Activated Protein Kinase Subunit Beta-1 Non-Catalytic Subunit, Adenosine Monophosphate Activated Protein Kinase(AMPK) |
| Pathways: | AMPK Signaling , Warburg Effect |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL 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 |

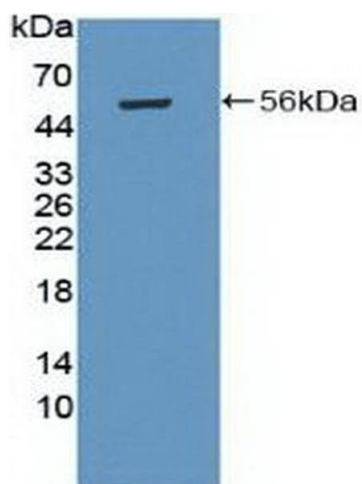
Handling

| | |
|--------------------|---|
| 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 |



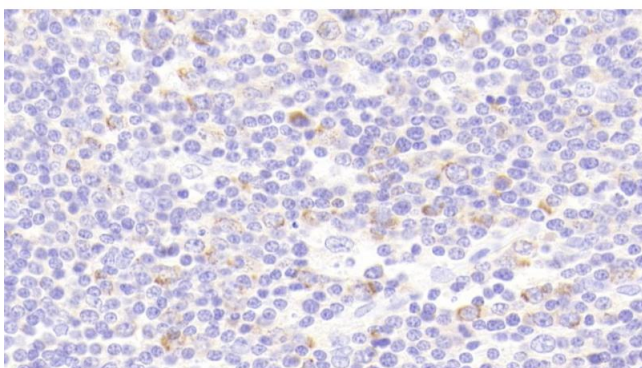
Immunohistochemistry

Image 1. Detection of PRKAb1 in Human Spleen Tissue using Polyclonal Antibody to Protein Kinase, AMP Activated Beta 1 (PRKAb1)



Western Blotting

Image 2. Detection of Recombinant PRKAb1, Human using Polyclonal Antibody to Protein Kinase, AMP Activated Beta 1 (PRKAb1)



Immunohistochemistry

Image 3. Detection of PRKAb1 in Human Colon Tissue using Polyclonal Antibody to Protein Kinase, AMP Activated Beta 1 (PRKAb1)