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Datasheet for ABIN545505 anti-PRKAG3 antibody (Internal Region)

2 Images

1 Publication



Overview

| Quantity: | 400 µL |
|----------------------|---|
| Target: | PRKAG3 |
| Binding Specificity: | Internal Region |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PRKAG3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

| Purpose: | Rabbit polyclonal antibody raised against synthetic peptide of PRKAG3. |
|-------------------|---|
| Immunogen: | A synthetic peptide (conjugated with KLH) corresponding to internal region of human PRKAG3. |
| Cross-Reactivity: | Human, Mouse |

Target Details

| Target: | PRKAG3 |
|-------------------|---|
| Alternative Name: | AMPK gamma-3 chain / AMPKG3 (PRKAG3 Products) |
| Gene ID: | 53632 |
| Pathways: | AMPK Signaling, Cellular Glucan Metabolic Process, Warburg Effect |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN545505 | 02/07/2024 | Copyright antibodies-online. All rights reserved.

| Application Details | |
|---------------------|--|
| Application Notes: | ELISA (1:1000) |
| | Western Blot (1:100-500) |
| | Immunohistochemistry (1:50-100) |
| | The optimal working dilution should be determined by the end user. |
| Restrictions: | For Research Use only |

Handling

| Format: | Liquid |
|--------------------|--|
| Buffer: | In PBS (0.09 % sodium azide) |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: 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 long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing. |

Publications

Product cited in: Fukuyama, Ohta, Okoshi, Suehara, Kizaki, Nakagawa: "Hypoxia induces expression and activation of AMPK in rat dental pulp cells." in: **Journal of dental research**, Vol. 86, Issue 9, pp. 903-7, (2007) (PubMed).





Immunohistochemistry

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with PRKAG3 polyclonal antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Western Blotting

Image 2. Western blot analysis of PRKAG3 polyclonal antibody in mouse brain tissue lysate . PRKAG3 (arrow) was detected using purified PRKAG3 polyclonal antibody . Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence .

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