antibodies.com

Datasheet for ABIN7442828 anti-GCKR antibody (AA 17-261)

4 Images



Overview

| Quantity: | 100 µL |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Target: | GCKR |
| Binding Specificity: | AA 17-261 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GCKR antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

| Purpose: | Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP) |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen: | Recombinant Glucokinase Regulatory Protein (GKRP) corresdonding to Gly17~Lys261 (Accession # Q91X44) |
| Isotype: | lgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against GKRP. It has been selected for its ability to recognize GKRP in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

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| Target: | GCKR |
|-------------------|----------------------------------------------------------------------------------------------|
| Alternative Name: | Glucokinase Regulatory Protein (GCKR Products) |
| Background: | GCKR, Glucokinase(hexokinase 4)regulator |
| Pathways: | Carbohydrate Homeostasis, Regulation of Carbohydrate Metabolic Process, Protein targeting to |
| | Nucleus |

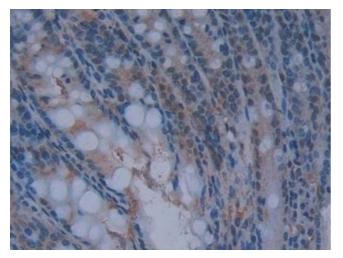
Application Details

| Application Notes: | Western blotting: 0.5-5 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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 |

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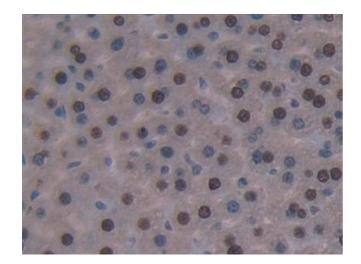
Western Blot kDa 44 33 26 22 18 14 10

Immunohistochemistry

Image 1. Detection of GKRP in Mouse Intestine Tissue using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)

Western Blotting

Image 2. Detection of Recombinant GKRP, Mouse using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)



Immunohistochemistry

Image 3. Detection of GKRP in Mouse Liver Tissue using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)

Please check the product details page for more images. Overall 4 images are available for ABIN7442828.

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