

Datasheet for ABIN7442180  
**anti-GCKR antibody (AA 90-286)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	GCKR
Binding Specificity:	AA 90-286
Reactivity:	Rat
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) corresponding to Val90~Ala286 (Accession # Q07071) with N-terminal His Tag
Isotype:	IgG
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:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

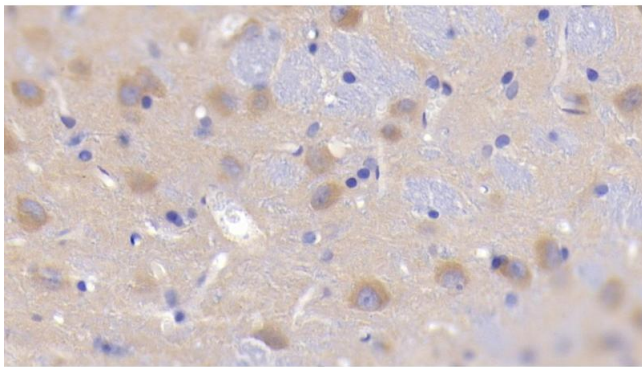
Target:	GCKR
Alternative Name:	Glucokinase Regulatory Protein ( <a href="#">GCKR Products</a> )
Background:	GCKR, Glucokinase(hexokinase 4)regulator
Pathways:	<a href="#">Carbohydrate Homeostasis</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Protein targeting to Nucleus</a>

## Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 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

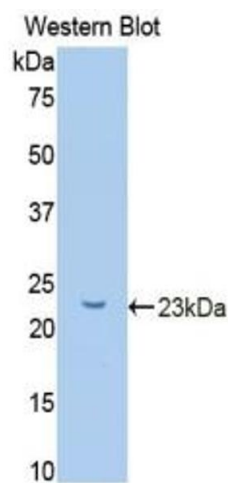
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES 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



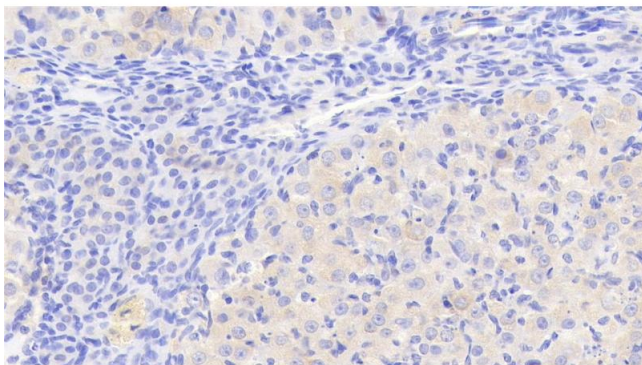
#### Immunohistochemistry

**Image 1.** Detection of GKRP in Rat Cerebrum Tissue using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)



#### Western Blotting

**Image 2.** Detection of recombinant GKRP using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)



#### Immunohistochemistry

**Image 3.** Detection of GKRP in Rat Ovary Tissue using Polyclonal Antibody to Glucokinase Regulatory Protein (GKRP)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7442180.