

Datasheet for ABIN7445594

**anti-Permeability Glycoprotein antibody (AA 999-1277)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	Permeability Glycoprotein
Binding Specificity:	AA 999-1277
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Permeability Glycoprotein antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Permeability Glycoprotein (Pgp)
Immunogen:	Recombinant Permeability Glycoprotein (Pgp) corresponding to Ala999~Ser1277 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Pgp. It has been selected for its ability to recognize Pgp in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

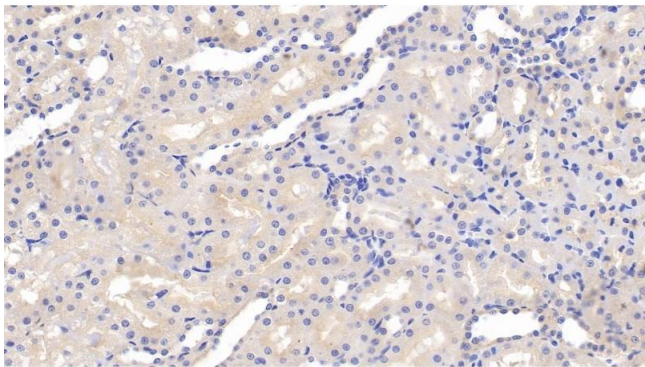
Target:	Permeability Glycoprotein
Abstract:	<a href="#">Permeability Glycoprotein Products</a>
Background:	CD243, ABCB1, ABC20, CLCS, GP170, MDR1, PGY1, P-Glycoprotein, Multidrug resistance protein 1, ATP-Binding Cassette,Sub-Family B(MDR/TAP),Member 1, Colchicin Sensitivity

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:450-1800 Immunohistochemistry: 5-20 µg/mL 1:45-180 Immunocytochemistry: 5-20 µg/mL 1:45-180 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

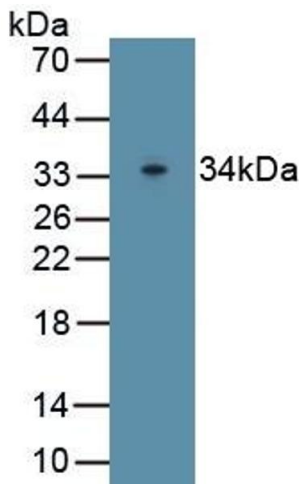
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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 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 Pgp in Rat Kidney Tissue using Polyclonal Antibody to Permeability Glycoprotein (Pgp)



Western Blotting

**Image 2.** Detection of Recombinant Pgp, Rat using Polyclonal Antibody to Permeability Glycoprotein (Pgp)