Datasheet for ABIN3043992

anti-SLC2A8 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µg
Target:	SLC2A8
Binding Specificity:	AA 461-477, C-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Solute carrier family 2, facilitated glucose transporter member 8(SLC2A8) detection. Tested with WB, IHC-P in Human,Mouse,Rat.
Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Glucose Transporter 8(461-477aa ETKGRTLEQVTAHFEGR), different from the related rat sequence by one amino acid, and from the related human sequence by two amino acids.
Sequence:	ETKGRTLEQV TAHFEGR
Isotype:	IgG
Cross-Reactivity (Details):	Predicted Cross Reactivity: mouse No cross reactivity with other proteins. Predicted Cross Reactivity: Species predicted to be fit for the product based on sequence similarities.
Characteristics:	Rabbit IgG polyclonal antibody for Solute carrier family 2, facilitated glucose transporter

Product Details

	member 8(SLC2A8) detection. Tested with WB, IHC-P in Human,Mouse,Rat. Gene Name: solute carrier family 2(facilitated glucose transporter), member 8 Protein Name: Solute carrier family 2, facilitated glucose transporter member 8
Purification:	Immunogen affinity purified.

Target Details

Target:	SLC2A8
Alternative Name:	SLC2A8 (SLC2A8 Products)
Background:	Solute carrier family 2, facilitated glucose transporter member 8, also known as SLC2A8, is the eighth member of glucose transporter superfamily. It is characterized by the presence of two leucine residues in its N-terminal intracellular domain, which influences intracellular trafficking. This gene is mapped to 9q33.3. Based on sequence comparison, the glucose transporters are grouped into three classes and this gene is a member of class II. It may act as the insulin-regulated facilitative glucose transporter. This gene binds cytochalasin B in a glucose-inhibitable manner. The binds seems to be a dual-specific sugar transporter as it is inhibitable by fructose. Synonyms: Glucose transporter type 8 antibody|Glucose transporter type X1 antibody|GLUT8 antibody|GLUTX1 antibody|solute carrier family 2(facilitated glucose transporter) member 8 antibody

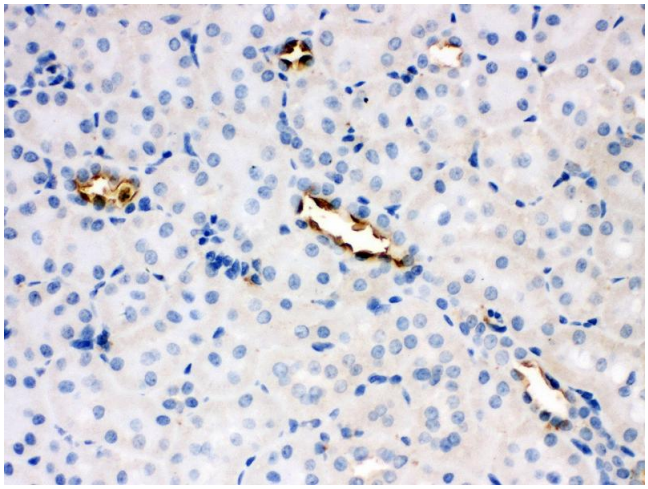
Application Details

Application Notes:	WB: Concentration: 0.1-0.5 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse IHC-P: Concentration: 0.5-1 μg/mL, Tested Species: Human, Rat, Predicted Species: Mouse, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Comment:	Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).
Restrictions:	For Research Use only

Handling

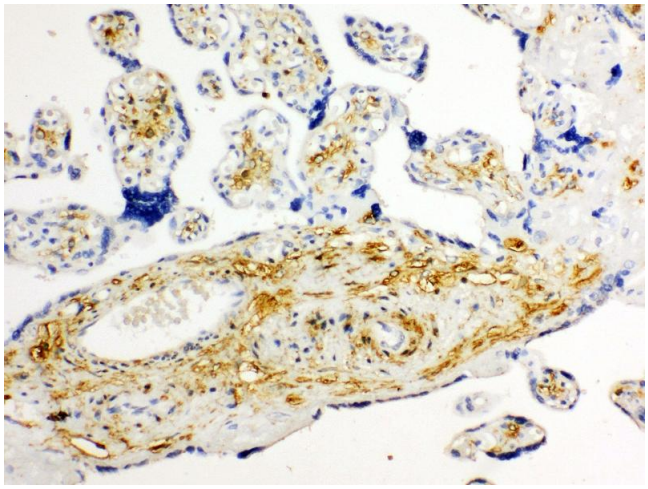
Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

Images



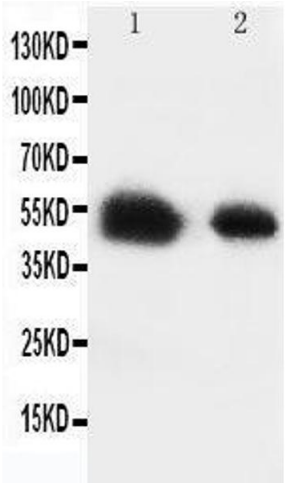
Immunohistochemistry

Image 1. Anti-Glucose Transporter 8 antibody, IHC(P) IHC(P): Rat Kidney Tissue



Immunohistochemistry

Image 2. Anti-Glucose Transporter 8 antibody, IHC(P) IHC(P): Human Placenta Tissue



Western Blotting

Image 3. Anti-Glucose Transporter 8 antibody, Western blotting Lane 1: Rat Testis Tissue Lysate Lane 2: Human Placenta Tissue Lysate