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# anti-GLUT1 antibody (AA 251-329)

3 Images



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#### Overview

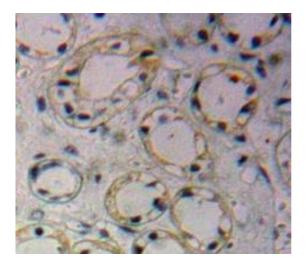
Quantity:	100 μL
Target:	GLUT1 (SLC2A1)
Binding Specificity:	AA 251-329
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

# **Product Details**

Purpose:	Polyclonal Antibody to Glucose Transporter 1 (GLUT1)
Immunogen:	Recombinant Glucose Transporter 1 (GLUT1) corresdonding to Met251~Glu329 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against GLUT1. It has been selected for its ability to recognize GLUT1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

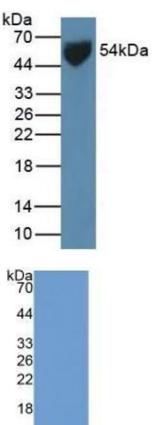
# **Target Details**

GLUT1 (SLC2A1)
Glucose Transporter 1 (SLC2A1 Products)
SLC2A1, SLC2-A1, GLUT, Solute Carrier Family 2 Member 1, Facilitated Glucose Transporter,
Glucose transporter type 1, erythrocyte/brain, HepG2 glucose transporter
Sensory Perception of Sound, Dicarboxylic Acid Transport, Warburg Effect
Western blotting: 0.5-2 μg/mL
Immunohistochemistry: 5-20 μg/mL
Immunocytochemistry: 5-20 μg/mL
Optimal working dilutions must be determined by end user.
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.
For Research Use only
Liquid
0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
handled by trained staff only.
4 °C,-20 °C
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.
24 months



# **Immunohistochemistry**

Image 1. #VALUE!



14 10 -15kDa

# **Western Blotting**

**Image 2.** Detection of GLUT1 in Human Serum using Polyclonal Antibody to Glucose Transporter 1 (GLUT1)

# **Western Blotting**

Image 3. Detection of Recombinant GLUT1, Human using Polyclonal Antibody to Glucose Transporter 1 (GLUT1)