Datasheet for ABIN363548

anti-GLUT1 antibody (N-Term)

2 Images

Go to Product page

Overview

Quantity:	0.1 mL
Target:	GLUT1 (SLC2A1)
Binding Specificity:	AA 1-100, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Synthetic peptide made to an N-terminal region of the human GLUT1 protein (between residues 1-100)
Specificity:	Reacts with human and mouse GLUT1
Cross-Reactivity:	Rabbit
Cross-Reactivity (Details):	100 % sequence identity with primate protein, 93 % sequence identity with rat, cow, and rabbit proteins.
Purification:	Antigen affinity purified

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	Glucose Transporter Type 1 (GLUT1) (SLC2A1 Products)

Target Details

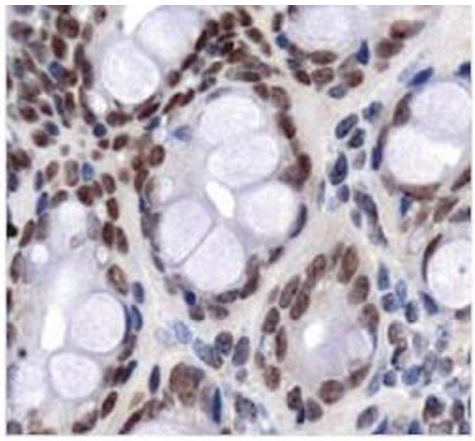
Background:	Facilitative glucose transporter. This isoform maybe responsible for constitutive or basal glucose uptake. Has a very broad substrate specificity, can transport a wide range of aldoses including both pentoses and hexoses.
Gene ID:	6513
Pathways:	Sensory Perception of Sound, Dicarboxylic Acid Transport, Warburg Effect

Application Details

Application Notes:	Working dilution: Optimal dilution should be determined by the end user. The following are guidelines only: ICC/IF1:1000 WB0.5 - 2 µg/mL
Restrictions:	For Research Use only

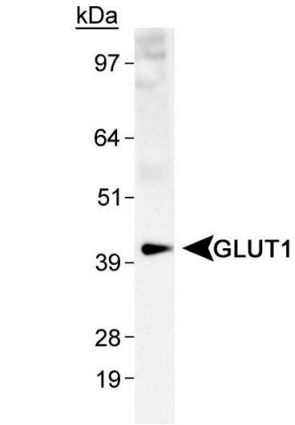
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Tris-glycine, NaCl 150 mM buffer, Sodium azide 0.05 %
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:	-20 °C/-80 °C
Storage Comment:	Aliquot and store at -20°C or -80°C. Avoid freeze-thaw cycles.



Staining of GLUT1 in mouse intestine using pab50239

Image 1.



Detection of GLUT1 in a human kidney membrane prep using pab50239 (42 kDa)

Image 2.