

Datasheet for ABIN285802 **anti-GLUT1 antibody (C-Term)**

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Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	GLUT1 antibody was raised in rabbit using a 12 amino acid peptide of the C-terminus of hGLUT-1 conjugated to KLH as the immunogen.
Specificity:	This antibody is directed against the CD63 antigen which is expressed in platelet lysosomes and is translocated to the platelet surface upon activation with strong agonists. The antigen is also present in most peripheral blood cells(not erythrocytes) and in many tissues, both surface and cytoplasmatic locations are reported.
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	This antibody reacts with Human, Mouse, and Rat. This antibody does not cross-react with GLUT-4.
Purification:	Affinity chromatography purified

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	GLUT1 (SLC2A1 Products)
Background:	Glucose transporter 1 (or GLUT1), is a protein that in humans is encoded by the SLC2A1 gene. GLUT1 facilitates the transport of glucose across the plasma membranes of mammalian cells. GLUT1 is a type III integral protein with 12 hydrophobic segments, each of which is believed to form a membrane-spanning helix.
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	Lot specific
Buffer:	Affinity purified and supplied in PBS with 10 mM NaN ₃ .
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.