

Datasheet for ABIN265442

anti-GLUT1 antibody

2 Images



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Quantity:	0.1 mg
Target:	GLUT1 (SLC2A1)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Specificity:	This antibody detects endogenous levels of GLUT1 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Affinity Chromatography using epitope-specific immunogen.

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	GLUT1 / SLC2A1 (SLC2A1 Products)
Background:	Glucose is fundamental to the metabolism of mammalian cells. Its passage across cell membranes is mediated by a family of transporters termed glucose transporters or Gluts. In
	adipose and muscle tissue, insulin stimulates a rapid and dramatic increase in glucose uptake,

ELISA: 1/5000approx. 1/40000. Western Blot: 1/500approx. 1/1000. Immunohistochemistry:

Molecular Weight:	approx. 55 kDa
Gene ID:	6513
NCBI Accession:	NP_006507
UniProt:	P11166
Pathways:	Sensory Perception of Sound, Dicarboxylic Acid Transport, Warburg Effect

Application Details

Application Notes:

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	1/50approx. 1/200.
	Other applications not tested.
	Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate Buffered Saline (PBS), pH ~7.2, 0.05 % Sodium Azide
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

Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images

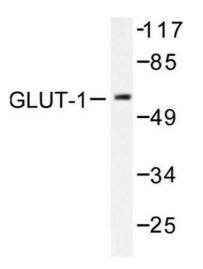


Image 1.

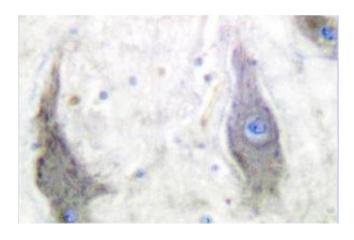


Image 2.