

Datasheet for ABIN1533294
anti-GLUT1 antibody (AA 441-490)



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2 Images

Overview

Quantity:	100 µL
Target:	GLUT1 (SLC2A1)
Binding Specificity:	AA 441-490
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human GLUT1.
Isotype:	IgG
Specificity:	GLUT1 Antibody detects endogenous levels of total GLUT1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	GLUT1 (SLC2A1 Products)
Background:	Synonyms: Solute carrier family 2 facilitated glucose transporter member 1, Glucose

Target Details

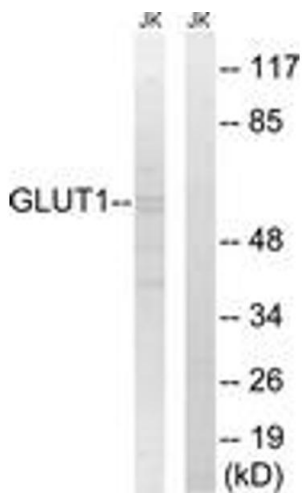
	transporter type 1 erythrocyte/brain, GLUT-1, HepG2 glucose transporter , SLC2A1 , GLUT1 NCBI Gene Symbol: SLC2A1
Molecular Weight:	54 kDa
Gene ID:	6513
OMIM:	138140
UniProt:	P11166
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:40000
Comment:	Unigene-Number: Hs.473721, Hs.721551 (NCBI Gene Symbol: SLC2A1)
Restrictions:	For Research Use only

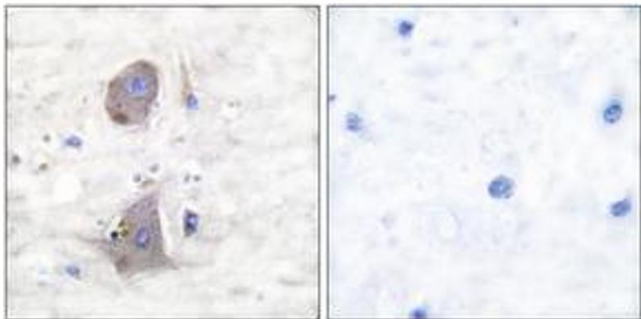
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using GLUT1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using GLUT1 Antibody. The picture on the right is treated with the synthesized peptide.