

Datasheet for ABIN5027220
anti-GLUT1 antibody (AA 200-492)



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Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Binding Specificity:	AA 200-492
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A partial length recombinant Glut-1 protein (amino acid 200-492) was used as the immunogen for this antibody.
Clone:	ABM4G40
Isotype:	IgG2b kappa
Purification:	Protein G Chromatography

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	Glut-1 (SLC2A1 Products)
Background:	Glucose transporter 1 (Glut-1) also known as solute carrier family 2, facilitated glucose

Target Details

transporter member 1 (SLC2A1), is a uniporter protein. GLUT1 expression is correlated with FDG uptake by Extrahepatic bile duct (EHD) cancers. GLUT-1-deficiency syndrome is a treatable metabolic disorder caused by a mutation of mutation of SLC2A1 gene. The functional deficiency of the GLUT1 protein leads to an impaired glucose transport into the brain, resulting in neurologic disorders gene.

Molecular Weight: 55 kDa

Gene ID: 6513

UniProt: [P11166](#)

Pathways: [Sensory Perception of Sound](#), [Dicarboxylic Acid Transport](#), [Warburg Effect](#)

Application Details

Application Notes: WB: 2-4 µg/mL, IHC: 5 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

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: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

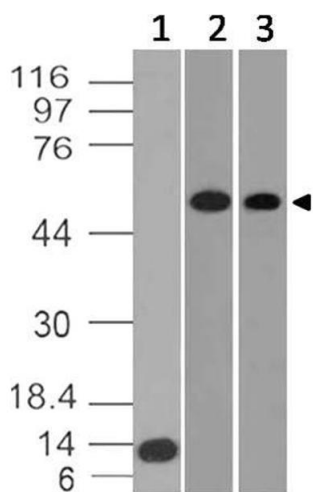


Image 1.