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Glucose Transporter GLUT3 Rabbit mAb

Catalog # AP75495

Product Information

Application	WB
Primary Accession	P11169
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	53924

Additional Information

Gene ID	6515
Other Names	SLC2A3
Dilution	WB~~1:1000-1:5000
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

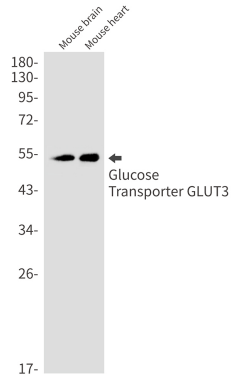
Protein Information

Name	SLC2A3 (HGNC:11007)
Function	Facilitative glucose transporter (PubMed: 26176916, PubMed:32860739, PubMed:9477959). Can also mediate the uptake of various other monosaccharides across the cell membrane (PubMed:26176916, PubMed:9477959). Mediates the uptake of glucose, 2- deoxyglucose, galactose, mannose, xylose and fucose, and probably also dehydroascorbate (PubMed:26176916, PubMed:9477959). Does not mediate fructose transport (PubMed:26176916, PubMed:9477959). Required for mesendoderm differentiation (By similarity).
Cellular Location	Cell membrane; Multi-pass membrane protein. Perikaryon {ECO:0000250|UniProtKB:Q07647}. Cell projection {ECO:0000250|UniProtKB:Q07647}. Note=Localized to densely spaced patches along neuronal processes. {ECO:0000250|UniProtKB:Q07647}
Tissue Location	Highly expressed in brain (PubMed:8457197). Expressed in many tissues.

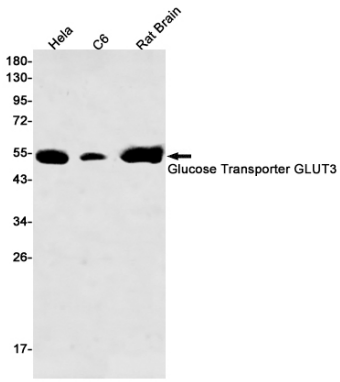
Background

Facilitative glucose transporter. Probably a neuronal glucose transporter.

Images



Western blot analysis of Glucose Transporter GLUT3 in mouse brain, mouse heart lysates using Glucose Transporter GLUT3 antibody.



Western blot analysis of Glucose Transporter GLUT3 in Hela, C6, rat Brain lysates using Glucose Transporter GLUT3 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.