Product Data Sheet
GLUT-2 Rabbit Monoclonal Antibody

Product name:	GLUT-2 Rabbit Monoclonal Antibody
Cat number:	MABN95343
Conjugate:	Unconjugated
Size:	100 ug
Concentration:	1 mg/mL
Host:	Rabbit
Isotype:	IgG
Immunogen:	The specific immunogen used to produce this antibody is proprietary information.
Reactivity:	Human,Mouse,Rat
Applications:	IHC 1:1000-1:400 WB 1:2000-1:10000 IF 1:200-1:1000 ELISA 1:5000-1:20000
Molecular Weight:	Observed MW: 58 kDa; Calculated MW: 57 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	PBS, 50% glycerol, 0.05% Proclin300, 0.05% protective protein
Storage:	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Synonyms:	GLUT2
Source:	Rabbit
Background:	This gene encodes an integral plasma membrane glycoprotein of the liver, islet beta cells, intestine, and kidney epithelium. The encoded protein mediates facilitated bidirectional glucose transport. Because of its low affinity for glucose, it has been suggested as a glucose sensor. Mutations in this gene are associated with susceptibility to diseases, including Fanconi-Bickel syndrome and noninsulin-dependent diabetes mellitus (NIDDM). Alternative splicing results in multiple transcript variants of this gene.[provided by RefSeq, Jul 2013]

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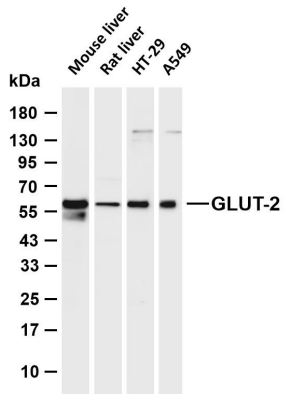
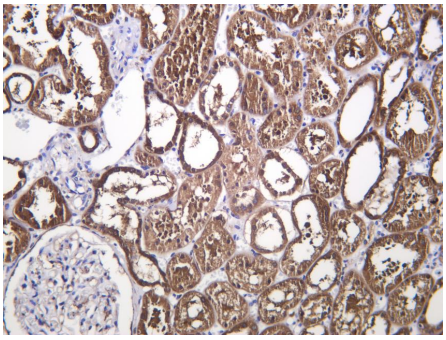


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membranewasblottedwithanti-GLUT-2antibody.TheHRP-conjugatedGoat anti-Rabbit IgG(H+L) antibody was used to detect the antibody.



Human kidney was stained with anti-GLUT-2 Rabbit antibody.

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