

GLUT2 antibody

Cat. No. GTX02542

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Fr
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 57 kDa. ([Note](#))

Properties

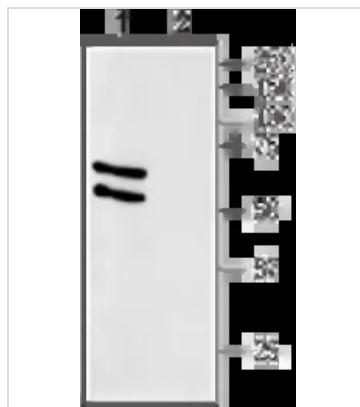
Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)EFRKKSGSAPRK, corresponding to amino acid residues 496-508 of rat Glucose Transporter 2 (Intracellular, C-terminus).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.
	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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DATA IMAGES

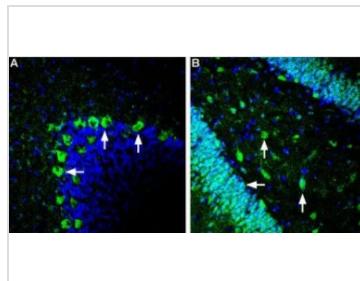
**GTX02542 WB Image**

WB analysis of rat liver membrane lysates using GTX02542 GLUT2 antibody.

Lane 1 : Primary antibody

Lane 2 : Primary antibody prior incubated with immunogen peptide

Dilution : 1:400

**GTX02542 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue sections using GTX02542 GLUT2 antibody (Green) and counter stain with DAPI (Blue).

Panel A : Staining in cerebellum sections, reveals GLUT2 labeling in Purkinje cells (arrows).

Panel B : Staining in hippocampus dentate gyrus, shows labeling of both granule cells (horizontal arrow) and in hilar interneurons (vertical arrows).

Dilution : 1:120

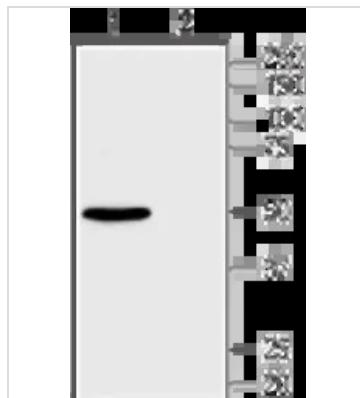
**GTX02542 WB Image**

WB analysis of Caco-2 (lanes 1 and 3) and HepG2 cell lysates (lanes 2 and 4) using GTX02542 GLUT2 antibody.

Lane 1 and 2 : Primary antibody

Lane 3 and 4 : Primary antibody prior incubated with immunogen peptide

Dilution : 1:400

**GTX02542 WB Image**

WB analysis of mouse brain membrane lysates using GTX02542 GLUT2 antibody.

Lane 1 : Primary antibody

Lane 2 : Primary antibody prior incubated with immunogen peptide

Dilution : 1:200



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