

Recombinant GLUT2 Monoclonal Antibody

catalog number: **AN301695L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

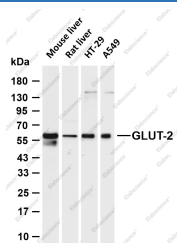
Reactivity	Human
Immunogen	The specific immunogen used to produce this antibody is proprietary information.
Host	Rabbit
Isotype	Rabbit IgG
Clone	C311318
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:2000-1:10000
IHC	1:1000-1:400
IF	1:200-1:1000
ELISA	1:5000-1:20000

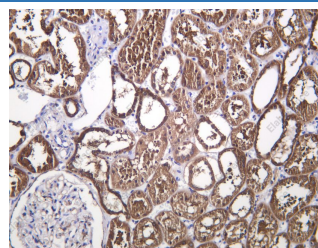
Data



Western blot analysis of Mouse liver, Rat liver, HT-29 and A549 cell lysates using GLUT2 Antibody (AN301695L).

Observed-MW:58 kDa

Calculated-MW:57 kDa



Immunohistochemical analysis of paraffin-embedded Human kidney sections using GLUT2 Antibody (AN301695L).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

GLUT2 is a facilitative hexose transporter that mediates the transport of glucose and fructose, which likely mediates the bidirectional transfer of glucose across the plasma membrane of hepatocytes and is responsible for uptake of glucose by the beta cells; may comprise part of the glucose-sensing mechanism of the beta cell. GLUT2 may participate with the Na⁺/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney and is also able to mediate the transport of dehydroascorbate.

For Research Use Only

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