Product Name: GLUT2 (6F2) Rabbit Monoclonal Antibody
Catalog #: AMRe11501

Summary

Production Name	GLUT2 (6F2) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Immunogen

Gene Name	SLC2A2
Alternative Names	liver; Glucose Transporter 2; Glucose Transporter GLUT2; Glucose transporter type 2; Glucose transporter, liver/islet; GLUT2; GTT2; SLC2A2;
Gene ID	6514.0
SwissProt ID	P11168.

Application

Dilution Ratio	WB 1:1000~1:2000
Molecular Weight	57kDa

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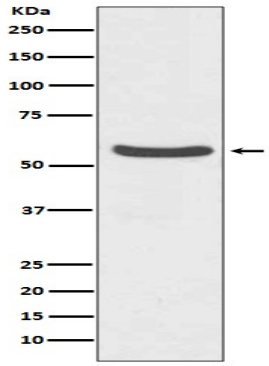
Background

Glucose is fundamental to the metabolism of mammalian cells. Its passage across cell membranes is mediated by a family of transporters termed glucose transporters or Gluts. Facilitative glucose transporter. This isoform likely mediates the bidirectional transfer of glucose across the plasma membrane of hepatocytes and is responsible for uptake of glucose by the beta cells. Facilitative hexose transporter that mediates the transport of glucose and fructose (PubMed:8027028, PubMed:16186102, PubMed:23396969, PubMed:28083649). 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 (PubMed:8027028). May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney (PubMed:3399500). Also able to mediate the transport of dehydroascorbate (PubMed:23396969).

Research Area

Image Data



Western blot analysis of GLUT2 expression in HepG2 cell lysate.

Note

For research use only.