

Anti-GLUT2 Rabbit Monoclonal Antibody
Catalog # ABO13684**Specification**

Anti-GLUT2 Rabbit Monoclonal Antibody - Product Information

Application	WB
Primary Accession	P11168
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-GLUT2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-GLUT2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 6514

Other Names

Solute carrier family 2, facilitated glucose transporter member 2, Glucose transporter type 2, liver, GLUT-2, SLC2A2 (HGNC:11006)

Calculated MW

57490 MW KDa

Application Details

WB 1:1000-1:2000

Subcellular Localization

Membrane; Multi-pass membrane protein.

Tissue Specificity

Liver, insulin-producing beta cell, small intestine and kidney.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human GLUT2

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-GLUT2 Rabbit Monoclonal Antibody - Protein Information

Name SLC2A2 ([HGNC:11006](#))

Function

Facilitative hexose transporter that mediates the transport of glucose, fructose and galactose (PubMed: [16186102](http://www.uniprot.org/citations/16186102)), PubMed: [23396969](http://www.uniprot.org/citations/23396969), PubMed: [28083649](http://www.uniprot.org/citations/28083649), PubMed: [8027028](http://www.uniprot.org/citations/8027028), PubMed: [8457197](http://www.uniprot.org/citations/8457197)). 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](http://www.uniprot.org/citations/8027028)). May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney (PubMed: [3399500](http://www.uniprot.org/citations/3399500)). Also able to mediate the transport of dehydroascorbate (PubMed: [23396969](http://www.uniprot.org/citations/23396969)).

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

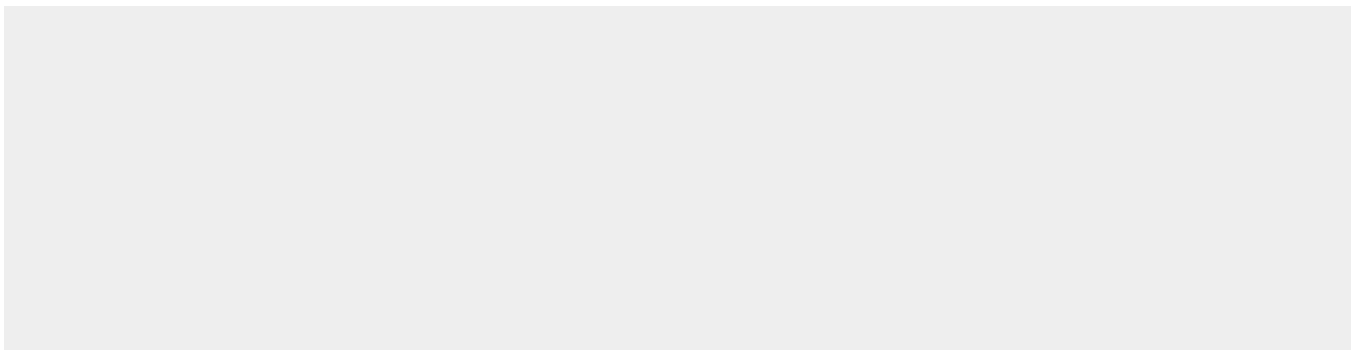
Liver, insulin-producing beta cell, small intestine and kidney.

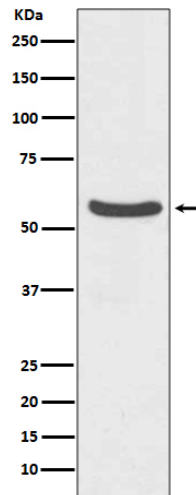
Anti-GLUT2 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-GLUT2 Rabbit Monoclonal Antibody - Images





Western blot analysis of GLUT2 expression in HepG2 cell lysate.