

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

Application	WB
Primary Accession	<a href="#">P11168</a>
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 ([http://www.genenames.org/cgi-bin/gene\\_symbol\\_report?hgnc\\_id=11006](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=11006))  
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

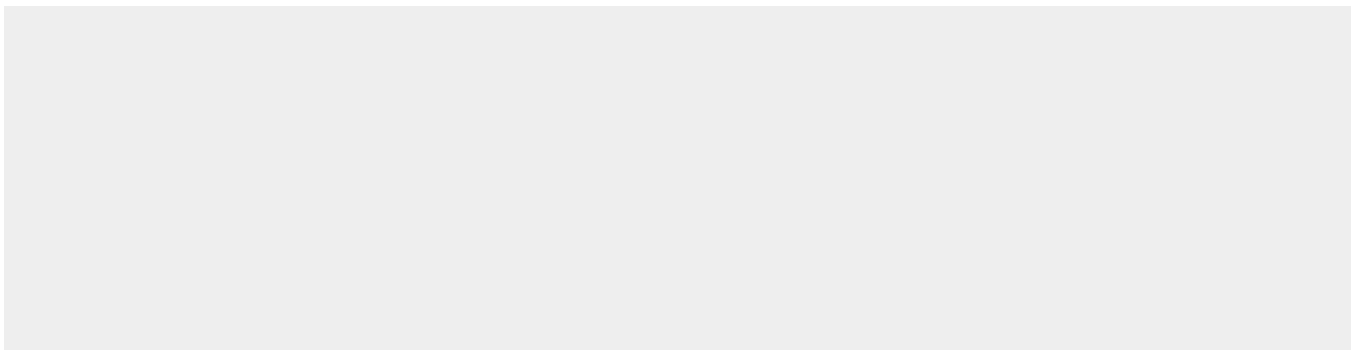
Liver, insulin-producing beta cell, small intestine and kidney.

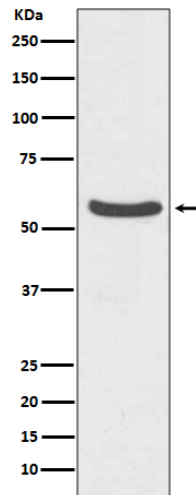
## Anti-GLUT2 Rabbit Monoclonal Antibody - Protocols

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.