



Datasheet for ABIN739124  
**anti-SLC2A2 antibody (AA 482-524)**



[Go to Product page](#)

1 Image

4 Publications

## Overview

Quantity:	100 µL
Target:	SLC2A2
Binding Specificity:	AA 482-524
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC2A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GLUT2
Isotype:	IgG
Cross-Reactivity:	Goat, Human, Mouse, Rat
Predicted Reactivity:	Dog,Cow,Sheep,Pig,Chicken
Purification:	Purified by Protein A.

## Target Details

Target:	SLC2A2
---------	--------

## Target Details

---

Alternative Name: [GLUT2 \(SLC2A2 Products\)](#)

Background: Synonyms: GLUT2, Solute carrier family 2, facilitated glucose transporter member 2, Glucose transporter type 2, liver, GLUT-2, SLC2A2  
Background: 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, may comprise part of the glucose-sensing mechanism of the beta cell. May also participate with the Na(+)/glucose cotransporter in the transcellular transport of glucose in the small intestine and kidney.

Gene ID: 6514

UniProt: [P11168](#)

Pathways: [Warburg Effect](#)

## Application Details

---

Application Notes: WB 1:100-1000  
FCM 1:20-100  
IHC-P 1:100-500  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

---

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

## Publications

Product cited in:

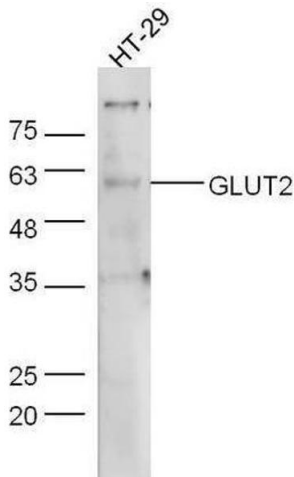
Wang, Li, Guo, Li, Ren, Li: "Fibroblast growth factor 21 improves glucose homeostasis partially via down-regulation of Na<sup>+</sup>-d-glucose cotransporter SGLT1 in the small intestine." in: **Biomedicine & pharmacotherapy**, Vol. 109, pp. 1070-1077, (2019) ([PubMed](#)).

Zheng, Zhai, Li, Ma, Zhu, Du, Li, Hua: "The Modification of Tet1 in Male Germline Stem Cells and Interact with PCNA, HDAC1 to promote their Self-renewal and Proliferation." in: **Scientific reports**, Vol. 6, pp. 37414, (2016) ([PubMed](#)).

Klinger, Schröder, Gemmer, Reimers, Breves, Herrmann, Wilkens: "Gastrointestinal transport of calcium and glucose in lactating ewes." in: **Physiological reports**, Vol. 4, Issue 11, (2016) ([PubMed](#)).

Guttman, Yossef, Freixo-Lima, Rider, Porgador, Lewis: "β1-Antitrypsin modifies general NK cell interactions with dendritic cells and specific interactions with islet β-cells in favor of protection from autoimmune diabetes." in: **Immunology**, (2014) ([PubMed](#)).

## Images



### Western Blotting

**Image 1.** Human HT-29 lysates probed with Rabbit Anti-Glut2 Polyclonal Antibody, Unconjugated at 1:5000 for 90 min at 37°C.