

## GLUT2/SLC2A2 Antibody

**CAB9843**

### Description

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This GLUT2/SLC2A2 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB9843

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Polyclonal Antibody

**Synonyms:** GLUT2, GLUT2/SLC2A2

**Clone:** -

**Applications:** **WB** | **IHC-P** | **ELISA** | **IF-P**

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 6514

**Uniprot:** AB\_2772265

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 38-45kDa

**Calculated MW:** 57kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

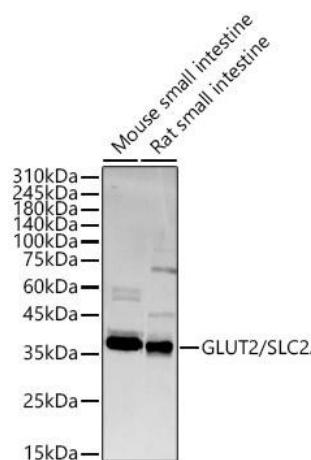
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** Mouse small intestine, Rat small intestine

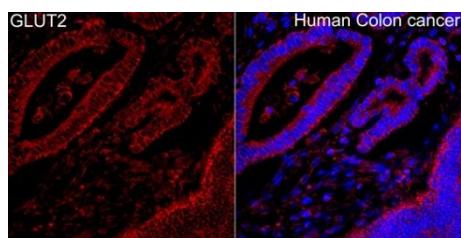
<b>Recommended Dilutions:</b>	<table border="1"> <tr> <td><b>WB</b></td><td>1:500 - 1:2000</td></tr> <tr> <td><b>IF-P</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>IHC-P</b></td><td>1:50 - 1:200</td></tr> <tr> <td><b>ELISA</b></td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	<b>WB</b>	1:500 - 1:2000	<b>IF-P</b>	1:50 - 1:200	<b>IHC-P</b>	1:50 - 1:200	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
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**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates, using GLUT2/SLC2A2 Rabbit pAb (CAB9843) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunofluorescence analysis of paraffin-embedded Human colon cancer using GLUT2/SLC2A2 Rabbit pAb(CAB9843) at a dilution of 1:150 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.