

## Product datasheet

# Anti-Glucose Transporter 8 antibody ab99132

1 Image

### Overview

<b>Product name</b>	Anti-Glucose Transporter 8 antibody
<b>Description</b>	Rabbit polyclonal to Glucose Transporter 8
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rabbit
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal amino acids 323-372 (VLSGVVMVFS TSAFGAYFKL TQGGPGNSSH VAISAPVSAQ PVDASVGLAW) of Human Glucose Transporter 8 (NP_055395) <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>
<b>Positive control</b>	NCI-H226 cell lysate

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 2% Sucrose, PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab99132** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 51 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

## Target

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### Relevance

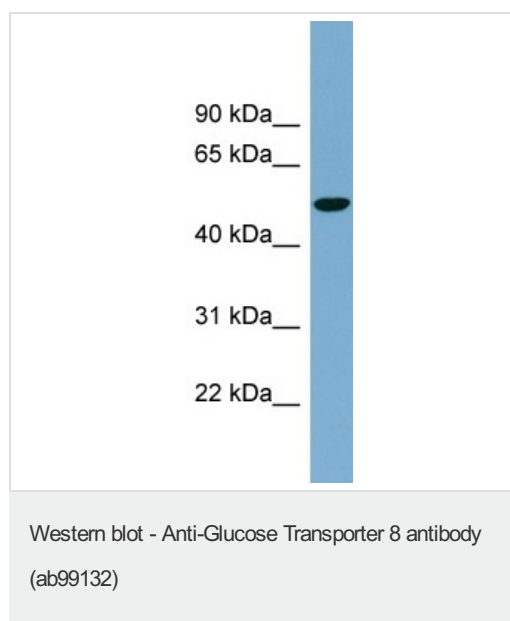
Glucose transporter 8 is an insulin-regulated facilitative glucose transporter. It binds cytochalasin B in a glucose-inhibitable manner. It appears to be a dual-specific sugar transporter as it can be inhibited by fructose. It is highly expressed in testis, where it is down-regulated by estrogen, but not in testicular carcinoma. Lower amounts are present in most other tissues.

### Cellular localization

Cell Membrane; multi-pass membrane protein. Principally intracellular. May move between intracellular vesicles and the plasma membrane

## Images

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Anti-Glucose Transporter 8 antibody (ab99132) at 1 µg/ml + NCI-H226 cell lysate at 10 µg

**Predicted band size:** 51 kDa

Gel concentration: 12%

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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