



# Anti-SLC2A2 (internal region) polyclonal antibody (DPABH-01141)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH, corresponding to internal sequence amino acids of Human Glucose Transporter GLUT2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	pH: 7.30; Constituents: Tris buffered saline, 0.5% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">SLC2A2 solute carrier family 2 (facilitated glucose transporter), member 3 [ Homo sapiens ]</a>
Official Symbol	SLC2A2
Synonyms	SLC2A2; solute carrier family 2 (facilitated glucose transporter), member 2; GLUT2; solute carrier family 2, facilitated glucose transporter member 2; glucose transporter type 2, liver;
Entrez Gene ID	<a href="#">6514</a>
Protein Refseq	<a href="#">NP_000331.1</a>
UniProt ID	<a href="#">P11168</a>
Pathway	Carbohydrate digestion and absorption; Developmental Biology; FOXA2 and FOXA3 transcription factor networks; Glucose transport
Function	D-glucose transmembrane transporter activity; dehydroascorbic acid transporter activity; glucose transmembrane transporter activity; hexose transmembrane transporter activity