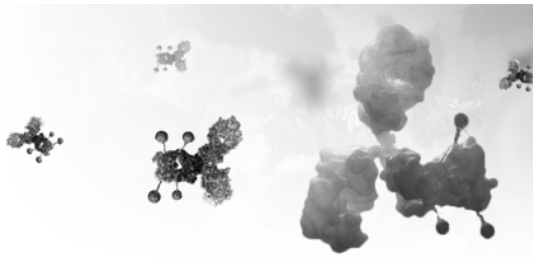

Human SLC2A4 blocking peptide (CDBP2703)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SLC2A4/GLUT4 antibody
Antigen Description	This gene is a member of the solute carrier family 2 (facilitated glucose transporter) family and encodes a protein that functions as an insulin-regulated facilitative glucose transporter. In the absence of insulin, this integral membrane protein is sequestered within the cells of muscle and adipose tissue. Within minutes of insulin stimulation, the protein moves to the cell surface and begins to transport glucose across the cell membrane. Mutations in this gene have been associated with noninsulin-dependent diabetes mellitus (NIDDM). [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SLC2A4 solute carrier family 2 (facilitated glucose transporter), member 4 [Homo sapiens (human)]
Official Symbol	SLC2A4

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Synonyms	SLC2A4; solute carrier family 2 (facilitated glucose transporter), member 4; GLUT4; solute carrier family 2, facilitated glucose transporter member 4; GLUT-4; insulin-responsive glucose transporter type 4; glucose transporter type 4, insulin-responsive;
Entrez Gene ID	6517
mRNA Refseq	NM_001042.2
Protein Refseq	NP_001033.1
UniProt ID	P14672
Chromosome Location	17p13
Pathway	AMPK signaling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; Arf6 trafficking events, organism-specific biosystem; Class I PI3K signaling events mediated by Akt, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Facilitative Na+-independent glucose transporters, organism-specific biosystem; FoxO signaling pathway, organism-s
Function	D-glucose transmembrane transporter activity; glucose transmembrane transporter activity; protein binding;

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