

SLC2A4 antibody

Product Information

Catalog No.:	FNab03503
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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).

Immunogen information

Immunogen:	solute carrier family 2 (facilitated glucose transporter), member 4
Synonyms:	Solute carrier family 2, facilitated glucose transporter member 4 Glucose transporter type 4, insulin-responsive (GLUT-4) SLC2A4 GLUT4
Observed MW:	55 kDa
Uniprot ID :	P14672

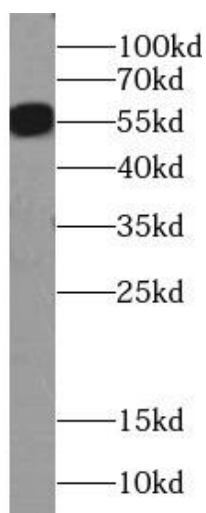
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse skeletal muscle tissue slide using FNab03503(GLUT4 antibody) at dilution of 1:100



mouse kidney tissue were subjected to SDS PAGE followed by western blot with FNab03503(GLUT4 antibody) at dilution of 1:1000