

## Glucose Transporter GLUT4 Antibody

Cat. No.:	HY-P80689
Synonyms:	Glucose Transporter GLUT4 Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 55 kDa, targeting to Glucose Transporter GLUT4. It can be used for WB,IHC-P,ELISA assays with tag free, in the background of Human, Mouse, Rat.
Host:	Rabbit
Reactivity:	Human,Mouse,Rat
Conjugation:	Non-conjugated
SwissProt ID:	P14672
Research Field:	Signal Transduction
Molecular Weight:	Predicted band size: 55 kDa

### PROPERTIES

Formulation	Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-1:1,000
	IHC	1:50-1:100
	ELISA	1:10,000
Shipping	Shipping with blue ice.	

### DESCRIPTION

Background	Glucose Transporter GLUT4: 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]
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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