Glut4 Polyclonal Antibody

Cat No: HR1AP5364

For research use only

Overview

Product Name	Glut4 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	56kDa
GeneID?Human?	SLC2A4
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	SLC2A4; GLUT4; Solute carrier family 2, facilitated glucose transporter member 4; Glucose transporter type 4, insulin-responsive; GLUT-4
Background	solute carrier family 2 member 4(SLC2A4) Homo sapiens 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],