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GLUT-4 Polyclonal Antibody

Cat #: G-AB-05949

Host: Rabbit **Reactivity:** Human, Mouse, Rat

Isotype: IgG **Clonality:** Polyclonal

Overview:
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).

Gene ID:

Accession #:

Immunogen: Synthesized peptide derived from the N-terminal region of human Glut4.

Conjugation: Unconjugated

Swissprot: P14672

Calculated Molecular Weight: 55 kDa

Observed Molecular Weight: 56 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol pH 7.4.

Purification Method: Affinity purification

Application: WB,IHC-p,ELISA

Dilution: WB 1:500-2000, IHC 1:50-300, ELISA 1:10000-20000

Storage: Store at -20°C. Avoid freeze / thaw cycles.