

## GLUT4 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251860

**Unit:** 0.1 mg

**Description:**

Glucose transporter type 4, insulin-responsive (GLUT4)  
GLUT4 is the insulin-regulated glucose transporter found in adipose tissues and striated muscle (skeletal and cardiac) that is responsible for insulin-regulated glucose translocation into the cell. GLUT4 is expressed only in muscle and fat cells, the major tissues in the body that respond to insulin. Defects in GLUT4 have been linked to noninsulin-dependent diabetes mellitus.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R

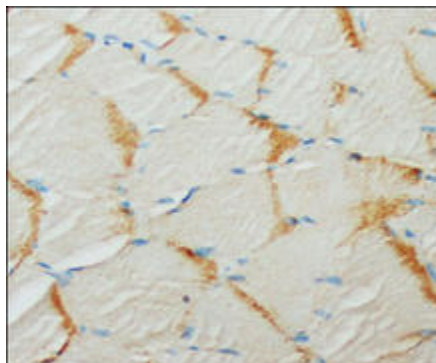
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** GLUT4; Glucose transporter type 4; Solute carrier family 2, facilitated glucose transporter member 4; Glucose transporter type 4, insulin-responsive; GLUT-4; SLC2A4

**Accession No.:** P14672

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human GLUT4.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



**GLUT4 staining in rat skeletal muscle. Paraffin-embedded rat skeletal muscle is stained with GLUT4 Antibody (Cat. No. 251860) used at 1:200 dilution.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.  
Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.