

产 品 说 明 书  
GLUT4 Antibody

**Catalog Number:** PR-1251

**Background:** GLUT4 is the facilitated glucose transporter expressed exclusively in adipocytes and muscle cells, and is also known as the "insulin-responsive" glucose transporter. GLUT4 translocates from an ill-defined intracellular compartment to the plasma membrane in response to insulin. The total cellular content of GLUT4 is significantly decreased in adipose cells from many patients with Type II diabetes mellitus, and animals with some types of experimental diabetes.

**Description:** Rabbit polyclonal to GLUT4

**Immunogen:** KLH conjugated synthetic peptide derived from GLUT4

**Specificity:** ·Reacts with Human, Mouse, Rabbit, Dog and Rat.

·Isotype: IgG

**Quantity size:** 0.2ml (1mg/ml, dilute with pH 7.4 0.01 M PBS or antibody diluent)

**Purity:** Protein G affinity chromatography purification, purity :>95%

**Application:** ·Western blotting: 1/100-500. Predicted Mol wt: 54 kDa;

·Immunohistochemistry (Frozen/paraffin tissue section): 1/100-500;

·Immunocytochemistry: 1/100-500;

·ELISA: 1/500;

· Optimal working dilutions must be determined by the end user.

**Storage:** Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody, the antibody is stable for at least six weeks at 2-4 °C.

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.