GLUT-4 Polyclonal Antibody

catalog number: **E-AB-30268**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Synthesized peptide derived from the N-terminal region of human Glut4.
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

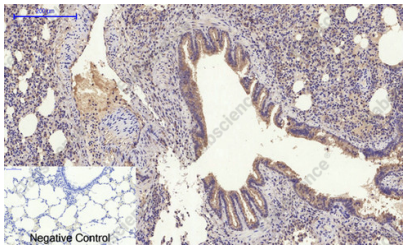
Applications	Recommended Dilution
WB	1:500-2000
IHC	1:50-300

Data

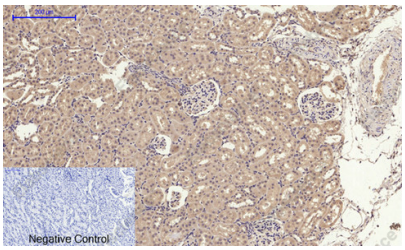
Western Blot analysis of SKOV3 cells using GLUT-4 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:56 kDa

Calculated-MW:55 kDa



Immunohistochemistry of paraffin-embedded Rat lung tissue using GLUT-4 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Rat kidney tissue using GLUT-4 Polyclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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).

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com