

Datasheet for ABIN1846354
anti-GLUT4 antibody (AA 224-353)

13 Images

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Overview

Quantity:	100 µL
Target:	GLUT4 (SLC2A4)
Binding Specificity:	AA 224-353
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunofluorescence (fixed cells) (IF/ICC)

Product Details

Immunogen:	Purified recombinant fragment of human SLC2A4 (AA: 224-353) expressed in E. coli.
Isotype:	IgG2b
Purification:	Purified antibody

Target Details

Target:	GLUT4 (SLC2A4)
Alternative Name:	SLC2A4 (SLC2A4 Products)
Background:	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

Target Details

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).

Molecular Weight: 54.8 kDa

Gene ID: 6517

Pathways: [AMPK Signaling](#), [Carbohydrate Homeostasis](#), [Proton Transport](#), [Brown Fat Cell Differentiation](#), [Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

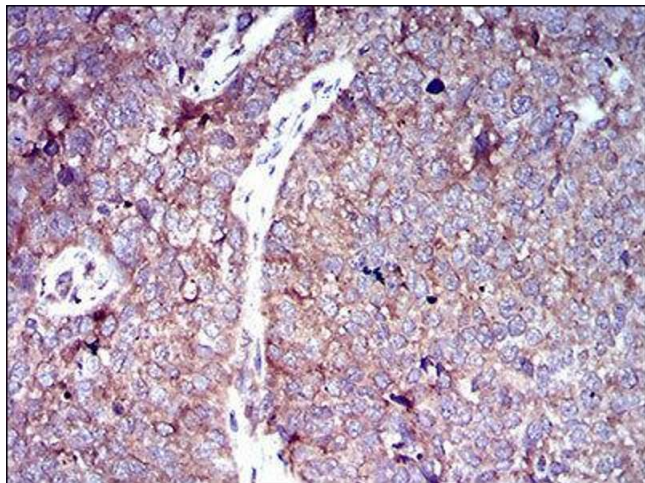
Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

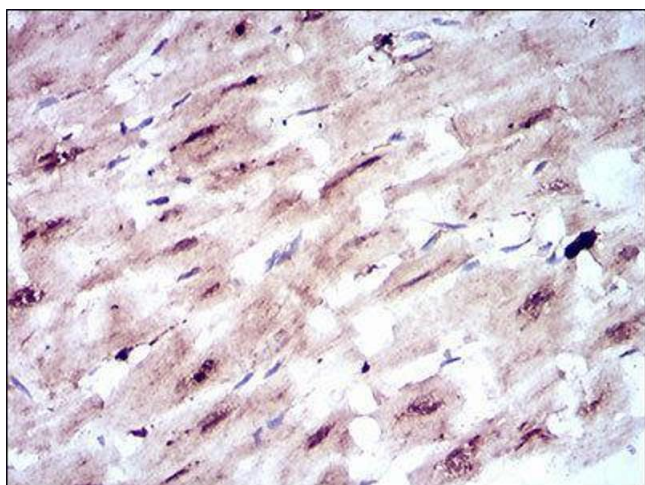
Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.



Immunohistochemistry

Image 1.



Immunohistochemistry

Image 2.



Immunocytochemistry

Image 3.

Please check the [product details page](#) for more images. Overall 13 images are available for ABIN1846354.