

Datasheet for ABIN7013870

anti-GLUT4 antibody (Internal Region)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GLUT4 (SLC2A4)
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	SLC2A4
Sequence:	NLEGPARKSL KRLT
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rabbit, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

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

Target Details

Background:	SLC2A4, solute carrier family 2 (facilitated glucose transporter), member 4, GLUT4, glucose transporter 4, insulin-responsive glucose transporter type 4
Gene ID:	6517, 20528, 25139
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Proton Transport , Brown Fat Cell Differentiation , Warburg Effect

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the membrane and cytoplasm of NIH3T3 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.