

Datasheet for ABIN5689406
anti-GLUT4 antibody (AA 501-505)



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Overview

Quantity:	0.1 mg
Target:	GLUT4 (SLC2A4)
Binding Specificity:	AA 501-505
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Glut4 antibody was raised against a peptide sequence around aa.501~ 505 (E-Y-L-G-P) derived from Human Glut4.
Specificity:	This antibody detects endogenous level of total Glut4 protein.
Purification:	Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	GLUT4 (SLC2A4)
Alternative Name:	Glut4 (SLC2A4 Products)
Background:	Insulin-regulated facilitative glucose transporter.
Molecular Weight:	45 kDa

Target Details

Gene ID:	6517
NCBI Accession:	NP_001033
UniProt:	P14672
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Proton Transport , Brown Fat Cell Differentiation , Warburg Effect

Application Details

Application Notes:	Western Blot: 1:500~1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Antibody supplied in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store antibody at -20°C for up to one year.