

Datasheet for ABIN6735280
anti-GLUT4 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	GLUT4 (SLC2A4)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A cytoplasmic 12aa C-terminal peptide sequence specific for the mouse Glut-4 (KLH coupled).
	Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes mouse Glut-4. Does not recognize other glucose transporters. Species sequence Homology: Rat, human, ovine, and porcine:100 % , Bovine: 91 %.
Purification:	Immunoaffinity purified

Target Details

Target:	GLUT4 (SLC2A4)
Alternative Name:	SLC2A4 / GLUT4 / GLUT-4 (SLC2A4 Products)

Target Details

Background:	Name/Gene ID: SLC2A4
	Subfamily: Sugar transporter
	Family: Transporter
	Synonyms: SLC2A4, Glucose transporter 4, Glucose transporter GLUT4, GLUT4, GLUT-4
Gene ID:	6517
UniProt:	P14672
Pathways:	AMPK Signaling , Carbohydrate Homeostasis , Proton Transport , Brown Fat Cell Differentiation , Warburg Effect

Application Details

Application Notes:	Approved: ELISA (0.5 - 1 µg/mL), WB (1 - 10 µg/mL)
	Usage: Suitable for use in ELISA and Western Blot. Western Blot: 1-10 µg/mL (ECL.). ELISA: 0.5-1 µg/mL. Coat ELISA plates with 1 µg/mL control peptide.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.5, 0.1 % BSA, 0.05 % sodium azide, 40 % 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.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.