

Datasheet for ABIN6796585 **anti-GLUT4 antibody**

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Overview

Quantity:	100 µg
Target:	GLUT4 (SLC2A4)
Reactivity:	Human, Mouse, Rat, Rabbit, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GLUT4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Partially purified vesicles containing insulin-responsive glucose transporter 4.
Isotype:	IgG1
Specificity:	Recognizes rat Glucose Transporter 4. Species cross-reactivity: mouse, monkey, rabbit, human. Does not react with canine.
Purification:	Protein G purified

Target Details

Target:	GLUT4 (SLC2A4)
Alternative Name:	SLC2A4 / GLUT4 / GLUT-4 (SLC2A4 Products)
Background:	Name/Gene ID: SLC2A4 Subfamily: Sugar transporter

Target Details

	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: IF (2.5 - 5 µg/mL), IHC, IHC-Fr (2.5 - 5 µg/mL), IP, WB (1 - 10 µg/mL) Usage: Suitable for use in Immunofluorescence, Immunohistochemistry (frozen), Immunoprecipitation and Western Blot. Immunohistochemistry (frozen): 2.5-5 µg/mL. Immunofluorescence: 2.5-5 µg/mL. Western Blot: 1-10 µg/mL.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 0.09 % sodium azide
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 repeated freezing and thawing
Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. For long-term storage and to avoid freeze-thaw cycles, add sterile 40-50% glycerol, aliquot and store at -20°C. Aliquots are stable for at least 1 year at -20°C.