

Datasheet for ABIN199205
anti-GLUT1 antibody (C-Term)



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Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GLUT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	12 amino acid peptide of the C-terminus of GLUT-1 conjugated to KLH.
Isotype:	IgG
Specificity:	Recognizes human glucose transporter 1 from muscle and adipose tissue. Does not cross-react with GLUT-4. The MW of the glucose transporter precipitated by the serum is approximately 46kD. Species cross-reactivity: rat and mouse.
Purification:	Immunoaffinity purified

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	SLC2A1 / GLUT-1 (SLC2A1 Products)

Target Details

Background:	Name/Gene ID: SLC2A1
	Subfamily: Sugar transporter
	Family: Transporter
	Synonyms: SLC2A1, EIG12, GLUT1DS, DYT17, DYT18, DYT9, Glucose transporter 1, HepG2 glucose transporter, Glucose transporter GLUT1, GLUT-1, GLUT1, PED
Gene ID:	6513
UniProt:	P11166
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	Approved: IHC (5 µg/mL), IP, WB (5 µg/mL)
	Usage: Suitable for use in Western Blot and Immunoprecipitation. Western Blot: 5 µg/mL, adipose and muscle tissue. Immunohistochemistry: 5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.1, 0.1 % 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 freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.