Datasheet for ABIN6735653

anti-SLC2A7 antibody (C-Term)

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Overview

Quantity:	100 µg
Target:	SLC2A7
Binding Specificity:	C-Term
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC2A7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	A 14 AA peptide sequence near the C-terminus of rat Glucose Transporter 7 (1). A cysteine has been added at the NH2 terminus for coupling to KLH. Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes rat GLUT 7. Species sequence homology: human. Glut-7 64 % : Glut-2 68 % and show similar secondary and tertiary structures. However, Glut-7 contains an extra 6 amino acid (KKMKND) at the C-terminal end. This sequence is very similar to the last 6 amino acids of some of the microsomal UDP-glucoronosyltransferase isoenzymes (see refs. 1). The KK-K-- has been considered motif for the retention of transmembrane proteins and is not found in Gluts.
Purification:	Immunoaffinity purified

Target Details

Target:	SLC2A7
Alternative Name:	SLC2A7 / GLUT7 (SLC2A7 Products)
Background:	Name/Gene ID: SLC2A7 Synonyms: SLC2A7, Glucose transporter type 7, GLUT-7, GLUT7
Gene ID:	155184
UniProt:	Q6PXP3

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 using ECL. Detects a major band at about 52kD in various tissues. ELISA: 0.5-1 µg/mL, Control peptide can be used to coat ELISA plates at 1 µg/mL.
Comment:	Target Species of Antibody: Rat
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	100 mM Tris, pH 7.4, 0.2 % 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.