



RABBIT ANTI-HUMAN INSULIN REGULATABLE GLUCOSE TRANSPORTER 1 (GLUT-1) POLYCLONAL ANTISERA

CATALOG NUMBER:	CBL242	QUANTITY:	100 µg
LOT NUMBER:		CONCENTRATION:	0.1 mg/mL
		EPITOPE:	C-terminus
SPECIFICITY:	The affinity purified antisera is specific for human glucose transporter 1 from muscle and adipose tissue. Does not cross-react with GLUT-4. The molecular weight of the glucose transporter precipitated by the serum is approximately 46 kDa. KNOWN SPECIES CROSS REACTIVITY: The antisera is known to crossreact with rat and mouse GLUT-1		
APPLICATIONS:	Western blot analysis of GLUT-1 activity in adipose and muscle tissue (5µg/ml) Immunoprecipitation of GLUT-1 (5µg/ml) Optimal working dilutions must be determined by the end user.		
SPECIES REACTIVITY:	Reacts with Human, Mouse and Rat. Reactivity with other species has not been determined.		
IMMUNOGEN:	12 amino acid peptide of the C-terminus of hGLUT-1 {LFHPLGADSQV} conjugated to KLH		
FORMAT:	Affinity purified on a Sepharose-4B CNBr linked peptide column		
PRESENTATION:	The polyclonal is presented in phosphate buffered saline containing 10mM sodium azide. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	For use within 1 month of purchase store at +4°C, for long term storage aliquot antibody into small volumes and store at -20°C for up to one year.		
REFERENCES:	Related: Cloherty, E. et al. (2001). Sugar transporter regulation by ATP and quaternary structure. Blood Cells Mol Dis. 27:102-107.		
Important Note:	<i>During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.</i>		

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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