



RABBIT ANTI-GLUT-5 POLYCLONAL ANTIBODY

CATALOG NUMBER:	AB1348	QUANTITY:	50 µL
LOT NUMBER:			
ALTERNATE NAMES:	Glucose Transporter type 5; Fructose Transporter	EPITOPE:	a.a. 491-502
SPECIFICITY:	Recognizes Glut-5 in rat tissue.		
APPLICATIONS:	Western blotting: 1:1,000 - 1:5000, using chemiluminescent detection. Membrane preparations recommended. Other detection methods may require a higher concentration of antibody. ELISA: 1:10,000 - 1:50,000, using 1 µg of antigen (Cat. No. AG675)/well. <i>Optimal working dilutions must be determined by end user.</i>		
SPECIES REACTIVITY:	Reacts with Rat and Guinea Pig. Reactivity with other species has not been determined.		
IMMUNOGEN:	Synthetic peptide corresponding to the C-terminus of rat Glut-5 coupled to KLH {KELNDLPPATREQ}. The immunogen sequence used is 53% conserved in mouse. The control peptide is available for antibody blocking studies (Cat No. AG675).		
CONTROL:	POSITIVE CONTROL: testis and intestine.		
PRESENTATION:	Liquid rabbit antiserum containing 0.05% sodium azide.		
STORAGE/HANDLING:	Store at -20°C in undiluted aliquots for up to 12 months from date of receipt. Avoid repeated freeze-thaw cycles.		
REFERENCES:	Geleoc, G.S.G <i>et al.</i> (1999). A sugar transporter as a candidate for the outer hair cell motor. <i>Nature Neuroscience</i> 2:713-719.		

For research use only; not for use as a diagnostic.

Important Note: *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.*