



## RABBIT ANTI-GLUT-5 POLYCLONAL ANTIBODY

---

<b>CATALOG NUMBER:</b>	AB1348	<b>QUANTITY:</b>	50 $\mu$ L
<b>LOT NUMBER:</b>			
<b>ALTERNATE NAMES:</b>	Glucose Transporter type 5; Fructose Transporter	<b>EPI TOPE:</b>	a.a. 491-502
<b>SPECIFICITY:</b>	Recognizes Glut-5 in rat tissue.		
<b>APPLICATIONS:</b>	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 $\mu$ g of antigen (Cat. No. AG675)/well.		
<i>Optimal working dilutions must be determined by end user.</i>			
<b>SPECIES REACTIVITY:</b>	Reacts with Rat and Guinea Pig. Reactivity with other species has not been determined.		
<b>IMMUNOGEN:</b>	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).		
<b>CONTROL:</b>	POSITIVE CONTROL: testis and intestine.		
<b>PRESENTATION:</b>	Liquid rabbit antiserum containing 0.05% sodium azide.		
<b>STORAGE/HANDLING:</b>	Store at -20°C in undiluted aliquots for up to 12 months from date of receipt. Avoid repeated freeze-thaw cycles.		
<b>REFERENCES:</b>	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  $\mu$ L 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.