

Anti-Glucose Transporter 5 GLUT5/SLC2A5 Antibody Picoband® HRP Conjugated

Catalog Number: PB9960-HRP

About SLC2A5

SLC2A5, also known as GLUT5 (Glucose transporter 5), is a fructose transporter expressed on the apical border of enterocytes in the small intestine. The GLUT5 gene is located on chromosome 1. GLUT5 allows for fructose to be transported from the intestinal lumen into the enterocyte by facilitated diffusion due to fructose's high concentration in the intestinal lumen. GLUT5 is also expressed in skeletal muscle, testis, kidney, fat tissue, and brain. Fructose malabsorption or Dietary Fructose Intolerance is a dietary disability of the small intestine, where the amount of fructose carrier in enterocytes is deficient.

Overview

Product Name	Anti-Glucose Transporter 5 GLUT5/SLC2A5 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P22732

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human SLC2A5, different from the related mouse and rat sequences by nine amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

1 Publications Citing This Product

1. PubMed ID: 27923977, Sex differences in renal and metabolic responses to a high-fructose diet in mice

Visit bosterbio.com/anti-slc2a5-picoband-trade-antibody-pb9960-boster.html to see all 1 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Glucose Transporter 5 GLUT5/SLC2A5 Antibody - HRP

For Research Use Only. Not for use in diagnostic procedures.