



GLUT5 Antibody

CATALOG NUMBER: 42-169

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8000. Western Blot: Approximately 38 kDa band in human duodenum, kidney and skeletal muscle lysates after 1 ug/mL antibody staining. The 38 kDa band was successfully blocked by incubation with the immunizing peptide.
IMMUNOGEN:	GLUT5 antibody was raised against a 12 amino acid synthetic peptide near the C-Terminus of GLUT5.
HOST SPECIES:	Goat

Properties

PURIFICATION:	GLUT5 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	GLUT5 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	GLUT5, solute carrier family 2 (facilitated glucose transporter), member 5, glucose transporter-like protein 5, OTTHUMP00000001704, GLUT5, solute carrier family 2 (facilitated glucose/fructose transporter), SLC2A5
ACCESSION NO.:	NP_003030.1
PROTEIN GI NO.:	4507013
OFFICIAL SYMBOL:	SLC2A5
GENE ID:	6518

Background

REFERENCES:	1) Stuart CA, Howell ME, Yin D, Overexpression of GLUT5 in diabetic muscle is reversed by pioglitazone. Diabetes care 2007 Apr 30 (4): 925-31.
--------------------	--

FOR RESEARCH USE ONLY

December 13, 2016