ARG45639
anti-GLUT5 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GLUT5
Tested Reactivity	Hu, Rat
Tested Application	FACS, ICC/IF, IHC-Fr, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GLUT5
Species	Human
Immunogen	Synthetic peptide corresponding to middle region of human GLUT5.
Conjugation	Un-conjugated
Alternate Names	SLC2A5; solute carrier family 2 (facilitated glucose/fructose transporter), member 5; GLUT5; Glucose transporter type 5, small intestine; Solute carrier family 2, facilitated glucose transporter member 5; GLUT-5; Fructose transporter

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
ICC/IF	2 µg/ml
IHC-Fr	0.5-1 µg/ml
IHC-P	0.5-1 µg/ml
WB	0.1-0.5 µg/ml

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Observed Size	55 kDa

Properties

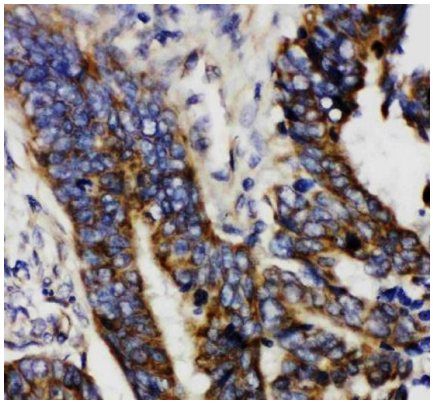
Form	Liquid
Purification	Affinity purified
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA

Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

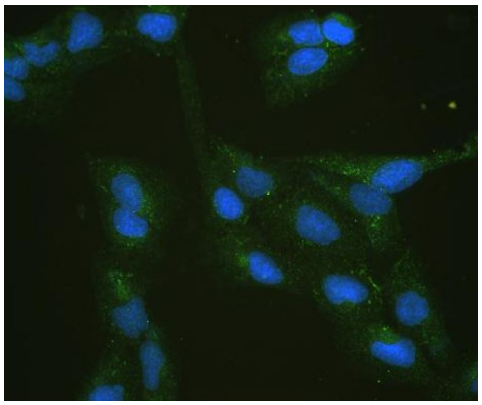
Gene Symbol	SLC2A5
Gene Full Name	solute carrier family 2 (facilitated glucose/fructose transporter), member 5
Background	The protein encoded by this gene is a fructose transporter responsible for fructose uptake by the small intestine. The encoded protein also is necessary for the increase in blood pressure due to high dietary fructose consumption. [provided by RefSeq, Jun 2016]
Function	Cytochalasin B-sensitive carrier. Seems to function primarily as a fructose transporter. [UniProt]
Calculated Mw	55 kDa
PTM	Acetylation; Glycoprotein. [UniProt]
Cellular Localization	Cell membrane. [UniProt]

Images



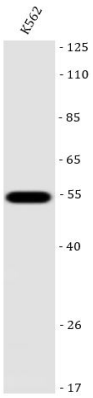
ARG45639 anti-GLUT5 antibody IHC-P image

Immunohistochemistry: Human intestinal cancer stained with ARG45639 anti-GLUT5 antibody at 2 µg/ml dilution.



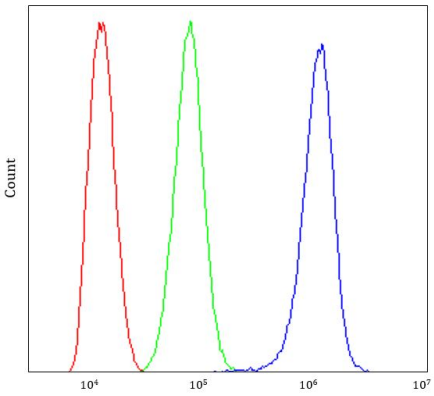
ARG45639 anti-GLUT5 antibody ICC/IF image

Immunofluorescence: U2OS stained with ARG45639 anti-GLUT5 antibody at 5 µg/ml dilution.



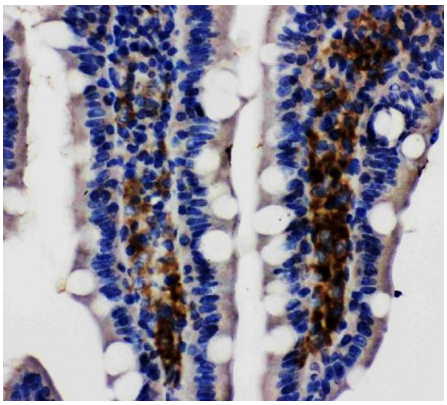
ARG45639 anti-GLUT5 antibody WB image

Western blot: K562 stained with ARG45639 anti-GLUT5 antibody at 0.5 µg/ml dilution.



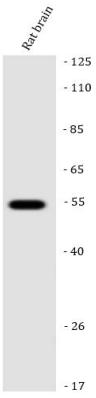
ARG45639 anti-GLUT5 antibody FACS image

Flow Cytometry: THP-1 stained with ARG45639 anti-GLUT5 antibody at 1 µg/10^6 cells dilution.



ARG45639 anti-GLUT5 antibody IHC-P image

Immunohistochemistry: Rat intestinal cancer stained with ARG45639 anti-GLUT5 antibody at 2 µg/ml dilution.



ARG45639 anti-GLUT5 antibody WB image

Western blot: Rat brain stained with ARG45639 anti-GLUT5 antibody at 0.5 µg/ml dilution.