

Glut4 Antibody

Catalog No: #21619

Package Size: #21619-1 50ul #21619-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

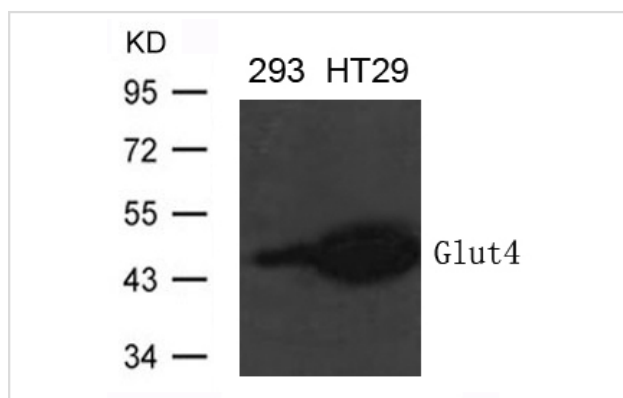
Product Name	Glut4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total Glut4 protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.501~ 505(E-Y-L-G-P) derived from Human Glut4.
Conjugates	Unconjugated
Target Name	Glut4
Other Names	SLC2A4
Accession No.	Swiss-Prot: P14672NCBI Protein: NP_001033.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 54kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extract from 293 and HT-29 cells using Glut4 Antibody #21619

Background

Insulin-regulated facilitative glucose transporter.

Published Papers

el at., Apatnib Inhibits glycolysis by suppressing the VEGFR2/AKT1/SOX5/GLUT4 signalling pathway in ovarian cancer cells. In Cell Oncol (Dordr) on 2019 Oct by Chen L, Cheng X, et al..PMID:31325096, , (2019)

[PMID:31325096](#)

el at., Suppression of phosphatase and tensin homolog protects insulin-resistant cells from apoptosis In Mol Med Rep on 2015 Aug by Di-Fei Wang , Hui-Jing Yang et al..PMID: 25962562, , (2015)

[PMID:25962562](#)

el at., Selenium ζ Hnriched exopolysaccharides produced by Enterobacter cloacae Z0206 alleviate adipose inflammation in diabetic KKAY mice through the AMPK/SirT1 pathway. In Mol Med Rep on 2014 Feb by Xihong Zhou, Fengqin Wang et al..PMID:24337047, , (2014)

[PMID:24337047](#)

el at., Chinese medicine Jinlida (JLD) ameliorates high-fat-diet induced insulin resistance in rats by reducing lipid accumulation in skeletal muscle. In Int J Clin Exp Med on 2015 Mar 15 by Sha-Sha Zang, An Song,et al..PMID:26064395, , (2015)

[PMID:26064395](#)

Feng Wang;Ping Li;Xinxin Yan;Anna Yue;Jingyi Xu;Yaqing Shao;Kaiyu Zhang;Qian Zhang;Yuan Li;Kangyun Sun el at., Novel therapeutic insights into pathological cardiac hypertrophy: tRF-16-R29P4PE regulates PACE4 and metabolic pathways., , (2025)

[PMID:39947523](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.