

Anti-Glut1 SLC2A1 Antibody

Catalog Number: A00163-1

About SLC2A1

Participates in DNA repair and in chromosomal DNA replication.

Kesti T., J. Biol. Chem. 268:10238-10245(1993).

Syvaeoja J.E.;Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.

Asahara H., Submitted (FEB-1996) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-Glut1 SLC2A1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Glut1 SLC2A1 Antibody catalog # A00163-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11166

Technical Details

Immunogen	Synthesized peptide derived from human Glut1
Predicted Reactive Species	Canine, Monkey
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Suggested Dilutions

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

WB 1:500-1:2000

IHC 1:100-1:300

ELISA 1:40000

Anti-Glut1 SLC2A1 Antibody (A00163-1) Images

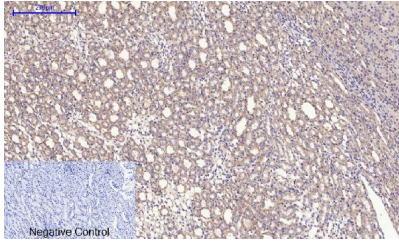


Figure 10. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of rat kidney tissue. A00163-1 was diluted at 1:200 (4°C

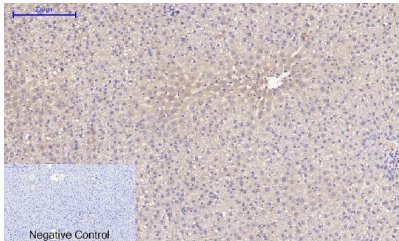


Figure 11. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of rat liver tissue. A00163-1 was diluted at 1:200 (4°C

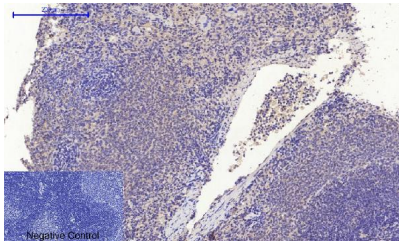


Figure 12. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of rat spleen tissue. A00163-1 was diluted at 1:200 (4°C

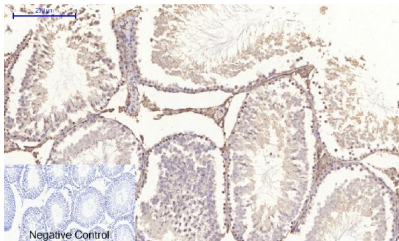


Figure 13. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of rat testis tissue. A00163-1 was diluted at 1:200 (4°C

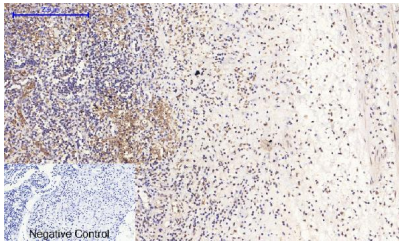


Figure 2. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of human-appendix tissue. Anti-Glut1 at 1:200 (4°C

Figure 3. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of human liver cancer tissue. Anti-Glut1 at 1:200 (4°C

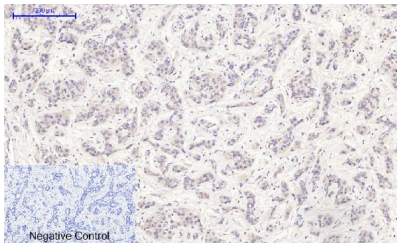


Figure 4. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of human stomach tissue.
Anti-Glut1 at 1:200 (4°C)

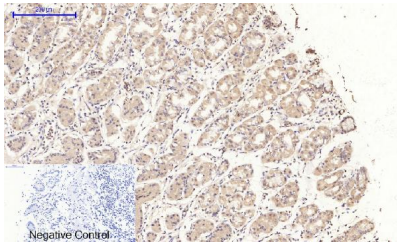


Figure 5. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of human tonsil tissue. Anti-Glut1 at 1:200 (4°C)

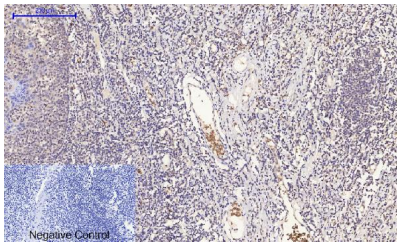


Figure 6. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of mouse kidney tissue. Anti-Glut1 at 1:200 (4°C)

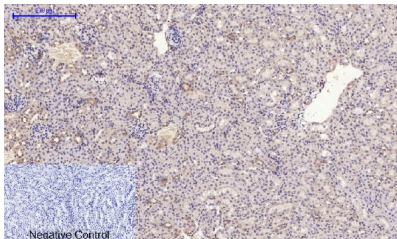


Figure 7. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of mouse lung tissue. Anti-Glut1 at 1:200 (4°C)

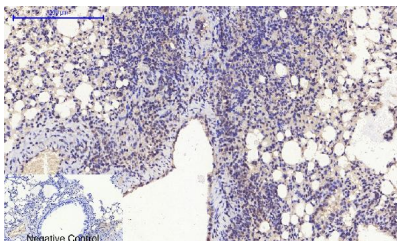


Figure 8. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of mouse testis tissue.
A00163-1 was diluted at 1:200 (4°C)

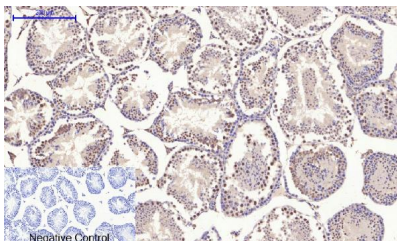
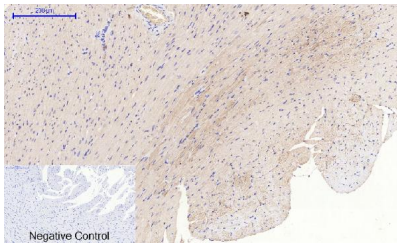


Figure 9. Immunohistochemistry validation of SLC2A1 using Anti-Glut1 SLC2A1 Antibody (A00163-1).

Immunohistochemical analysis of rat heart tissue. A00163-1



was diluted at 1:200 (4°C)

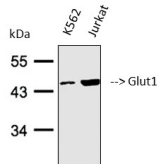


Figure 1. Western blotting validation for Anti-Glut1 SLC2A1 Antibody A00163-1

Western blot (WB) analysis of K562 and Jurkat cell lysates

Western Blot (WB) analysis of HeLa cell lysate using Glut1 Antibody (ST93293).

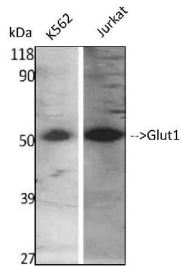


Figure 14. Western blotting validation for Anti-Glut1 SLC2A1 Antibody A00163-1

Western blot (WB) analysis of K562 and Jurkat cell lysates

1 Publications Citing This Product

1. PubMed ID: 32768579, Chen J,Wu D,Dong Z,Chen A,Liu S.The expression and role of glycolysis-associated molecules in infantile hemangioma.Life Sci.2020 Oct 15;259:118215.doi:10.1016/j.lfs.2020.118215.Epub 2020 Aug 5.PMID:32768579.

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