

Anti-Glut 2 SLC2A2 Antibody

Catalog Number: A02297

About SLC2A2

Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone By similarity. HAMAP-Rule MF_01350

Anderson S., Nature 290:457-465(1981).

Horai S., Proc. Natl. Acad. Sci. U.S.A. 92:532-536(1995).

Moilanen J.S., Mol. Biol. Evol. 20:2132-2142(2003).

Overview

Product Name	Anti-Glut 2 SLC2A2 Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-Glut 2 SLC2A2 Antibody catalog # A02297. Tested in WB applications. This antibody reacts with Human,Rat.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	P11168

Technical Details

Immunogen	Synthesized peptide derived from human Chfr.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

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: 1:500-1:1000

Anti-Glut 2 SLC2A2 Antibody (A02297) Images

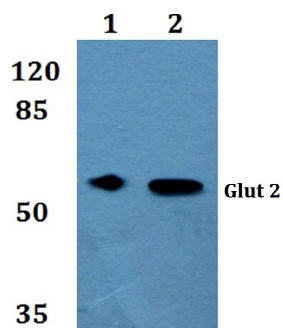


Figure 1. Western blotting validation for Anti-Glut 2 SLC2A2 Antibody A02297

Western blot (WB) analysis of Glut 2 polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate

Lane2:Rat kidney tissue lysate

Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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