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Anti-Monocarboxylate transporter 8 SLC16A2 Antibody

Catalog Number: A02662

About SLC16A2

The PI(3,5)P2 regulatory complex regulates both the synthesis and turnover of phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2). Catalyzes the phosphorylation of phosphatidylinositol 3-phosphate on the fifth hydroxyl of the myo-inositol ring, to form phosphatidylinositol 3,5-bisphosphate. Required for endocytic-vacuolar pathway and nuclear migration. Plays a role in the biogenesis of endosome carrier vesicles (ECV)/ multivesicular bodies (MVB) transport intermediates from early endosomes.

Ota T., Nat. Genet. 36:40-45(2004).
Sbrissa D., J. Biol. Chem. 277:6073-6079(2002).
Brill L.M., Anal. Chem. 76:2763-2772(2004).

Overview

Product Name	Anti-Monocarboxylate transporter 8 SLC16A2 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Monocarboxylate transporter 8 SLC16A2 Antibody catalog # A02662. Tested in WB applications. This antibody reacts with Human,Mouse,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	P36021

Technical Details

Immunogen	Synthesized peptide derived from human DD2
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-

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	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

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Anti-Monocarboxylate transporter 8 SLC16A2 Antibody (A02662) Images

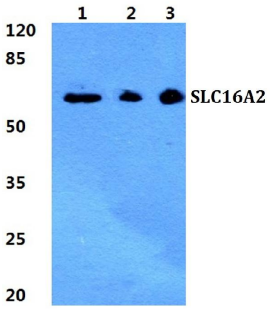

Figure 1. Western blotting validation for Anti-Monocarboxylate transporter 8 SLC16A2 Antibody A02662

Western blot (WB) analysis of SLC16A2 polyclonal antibody at 1:500 dilution
Lane1:Hela cell lysate
Lane2:Raw264.7 cell lysate
Lane3:Rat kidney tissue lysate
Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration