BOSTER BIOLOGICAL TECHNOLOGY
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Anti-SLC29A1 Antibody

Catalog Number: A02058

About SLC29A1

SLC29A1 is a member of the equilibrative nucleoside transporter family which plays a key role in nucleoside and nucleobase uptake for salvage pathways of nucleotide synthesis (1,2). SLC29A1 is a transmembrane glycoprotein that localizes to the plasma and mitochondrial membranes and mediates the cellular uptake of nucleosides from the surrounding medium (3). As a nucleoside transporter, SLC29A1 plays an important role in the uptake of nucleoside-based anti-cancer drugs; polymorphisms of point mutations in the gene encoding this protein may affect the efficacy of these drugs (4).

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Overview

Product Name	Anti-SLC29A1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-SLC29A1 Antibody (Catalog # A02058). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	SLC29A1 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	SLC29A1 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q99808

Technical Details

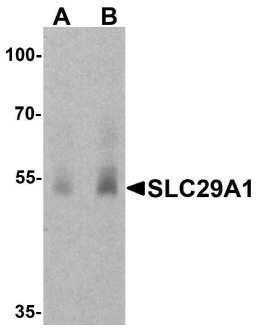
Immunogen	SLC29A1 antibody was raised against a 17 amino acid peptide near the center of human SLC29A1. The immunogen is located within amino acids 240 - 290 of SLC29A1.
Predicted Reactive Species	Mouse, Rat
Cross Reactivity	SLC29A1 antibody is human specific. SLC29A1 antibody is predicted to not cross-react with other SLC29 proteins.

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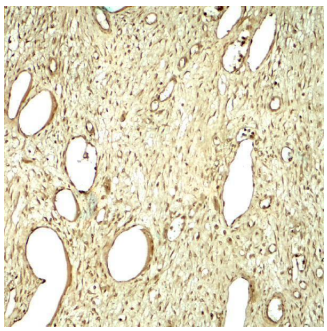
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	SLC29A1 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	SLC29A1 antibody can be used for detection of SLC29A1 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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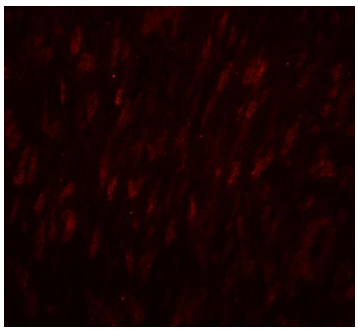
Anti-SLC29A1 Antibody (A02058) Images



Western blot analysis of SLC29A1 in human ovary tissue lysate with SLC29A1 antibody at (A) 1 and (B) 2 ug/ml.



Immunohistochemistry of SLC29A1 in human ovary tissue with SLC29A1 antibody at 5 ug/mL.



Immunofluorescence of SLC29A1 in human ovary tissue with SLC29A1 antibody at 20 ug/mL.

Anti-SLC29A1 Antibody

For Research Use Only. Not for use in diagnostic procedures.