

## Anti-SLC29A2 Antibody (N-Term)

Catalog Number: M04718

### About SLC29A2

Mediates equilibrative transport of purine, pyrimidine nucleosides and the purine base hypoxanthine. Very less sensitive than SLC29A1 to inhibition by nitrobenzylthioinosine (NBMPR), dipyridamole, dilazep and draflazine.

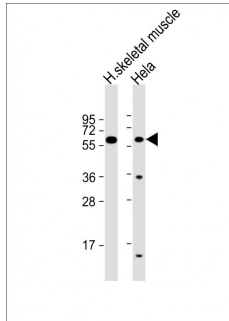
### Overview

Product Name	Anti-SLC29A2 Antibody (N-Term)
Reactive Species	Human
Description	Boster Bio Anti-SLC29A2 Antibody (N-Term) (Catalog # M04718). Tested in WB, IHC-P, Flow Cytometry application(s). This antibody reacts with Human.
Application	Flow Cytometry, IHC-P, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q14542

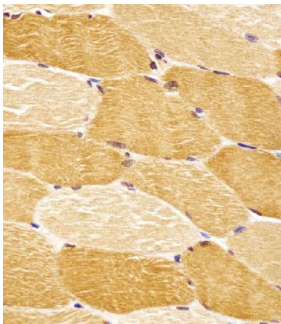
### Technical Details

Immunogen	This SLC29A2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-31 amino acids from human SLC29A2.
Predicted Reactive Species	Human, Mouse, Rat
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:2000 IHC-P: 1:25 FC: 1:25

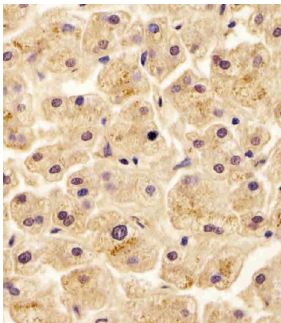
## Anti-SLC29A2 Antibody (N-Term) (M04718) Images



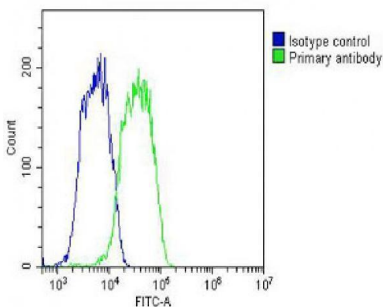
All lanes : Anti-SLC29A2 Antibody (N-Term) at 1:2000 dilution  
Lane 1: human skeletal muscle lysate  
Lane 2: Hela whole cell lysate  
Lysates/proteins at 20 µg per lane.  
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa  
Blocking/Dilution buffer: 5% NFDN/TBST.



M04718 staining SLC29A2 in human skeletal muscle tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



M04718 staining SLC29A2 in human liver tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing HepG2 cells stained with M04718 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M04718, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG (1g/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.

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