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# anti-SLC29A2 antibody (AA 1-31)





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Quantity:	200 μL	
Target:	SLC29A2	
Binding Specificity:	AA 1-31	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SLC29A2 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)	
Product 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.	
Clone:	RB55890	
Isotype:	lg Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	SLC29A2	
Alternative Name:	SLC29A2 (SLC29A2 Products)	

#### **Target Details**

Background:	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.	
Molecular Weight:	50113	
UniProt:	Q14542	

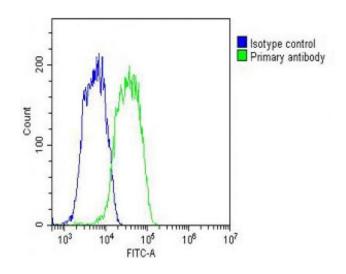
## **Application Details**

Application Notes:	WB: 1:2000. IHC-P: 1:25. IHC-P: 1:25. FC: 1:25
Restrictions:	For Research Use only

# Handling

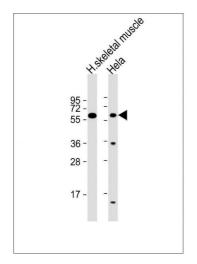
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

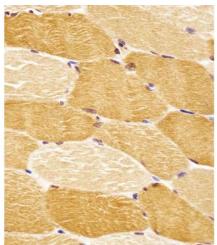
### **Images**



#### **Flow Cytometry**

Image 1. Overlay histogram showing HepG2 cells stained with (ABIN6243301 and ABIN6578652) (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243301 and ABIN6578652), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37 °C.





Isotype control antibody (blue line) was rabbit IgG (1  $\mu$  g/1x10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.

# Western Blotting

Image 2. 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 % NFDM/TBST.

#### **Immunohistochemistry (Paraffin-embedded Sections)**

Image 3. (ABIN6243301 and ABIN6578652) 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 (pH 6). 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.

Please check the product details page for more images. Overall 4 images are available for ABIN6243301.