

SLC4A8 Polyclonal Antibody

Catalog NumberPA5-27880

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Dilution *	
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 295 of Human SLC4A8	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.99 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: IMR32, U87-MG. Predicted reactivity: Mouse (92%), Rat (91%), Rhesus Monkey (99%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Mediates electroneutral sodium- and carbonate-dependent choride-HCO3(-) exchange with a Na(+):HCO3(-) stoichiometry of 2:1. Plays a major role in pH regulation in neurons. May be involved in cell pH regulation by transporting HCO3(-) from blood to cell. Enhanced expression in severe acid stress could be important for cell survival by mediating the influx of HCO3(-) into the cells. Also mediates lithium-dependent HCO3(-) cotransport. May be regulated by osmolarity.

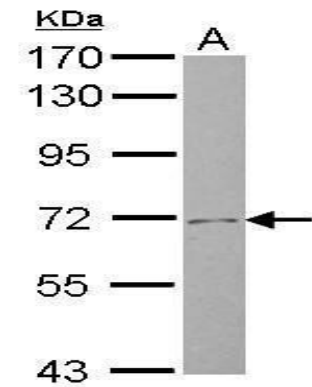
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Product Images For SLC4A8 Polyclonal Antibody



**SLC4A8 Antibody (PA5-27880) in WB**  
Western Blot using SLC4A8 Polyclonal Antibody (Product # PA5-27880). Sample (30 µg of whole cell lysate). Lane A: U87-MG . 7.5% SDS PAGE. SLC4A8 Polyclonal Antibody (Product # PA5-27880) diluted at 1:1,000.

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