

Datasheet for ABIN2855611
anti-SLC4A8 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	SLC4A8
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human SLC4A8. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Mouse (93 %), Rat (92 %)
Characteristics:	Rabbit Polyclonal antibody to SLC4A8 (solute carrier family 4, sodium bicarbonate cotransporter, member 8) SLC4A8 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

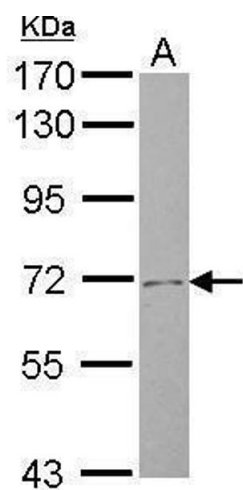
Target:	SLC4A8
Alternative Name:	SLC4A8 (SLC4A8 Products)
Background:	<p>Mediates electroneutral sodium- and carbonate-dependent chloride-HCO₃⁻ exchange with a Na⁽⁺⁾:HCO₃⁻ stoichiometry of 2:1. Plays a major role in pH regulation in neurons. May be involved in cell pH regulation by transporting HCO₃⁻ 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.</p> <p>Cellular Localization: Membrane, Multi-pass membrane protein</p>
Molecular Weight:	123 kDa
Gene ID:	9498

Application Details

Application Notes:	<p>Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.</p> <p>*Optimal dilutions/concentrations should be determined by the researcher.Suggested dilutionReferenceWestern blot1:500-1:3000*</p>
Comment:	Positive Control: IMR32 , U87-MG
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.99 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A:
U87-MG 7.5% SDS PAGE antibody diluted at 1:1000