

[Go to Product page](#)

## Datasheet for ABIN7119311 **anti-SLC4A8 antibody**

### Overview

Quantity:	100 µg
Target:	SLC4A8
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A8 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Immunogen:	solute carrier family 4, sodium bicarbonate cotransporter, member 8
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	SLC4A8
Alternative Name:	SLC4A8 ( <a href="#">SLC4A8 Products</a> )
Background:	Synonyms:Ndcbe1 Background:Mediates electroneutral sodium-and carbonate-dependent chloride-HCO <sub>3</sub> <sup>-</sup> exchange with a Na <sup>(+)</sup> :HCO <sub>3</sub> <sup>-</sup> stoichiometry of 2:1. Plays a major role in pH regulation in neurons. May be involved in cell pH regulation by transporting HCO <sub>3</sub> <sup>-</sup> from blood to cell. Enhanced expression in severe acid stress could be important for cell survival by

## Target Details

mediating the influx of  $\text{HCO}_3^-$  into the cells. Also mediates lithium-dependent  $\text{HCO}_3^-$  cotransport. May be regulated by osmolarity (By similarity).

Molecular Weight: 121 kDa

Gene ID: 315311

UniProt: [Q6RVG2](#)

## Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months