Datasheet for ABIN6258561

anti-SLC4A8/10 antibody

1 Image

Go to Product page

Overview

Quantity:	100 µL
Target:	SLC4A8/10
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC4A8/10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	A synthesized peptide
Isotype:	IgG
Specificity:	SLC4A8/10 Antibody detects endogenous levels of total SLC4A8/10
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	SLC4A8/10
Alternative Name:	SLC4A8/10 (SLC4A8/10 Products)
Background:	Description: Mediates electroneutral sodium- and carbonate-dependent chloride-HCO3-

Target Details

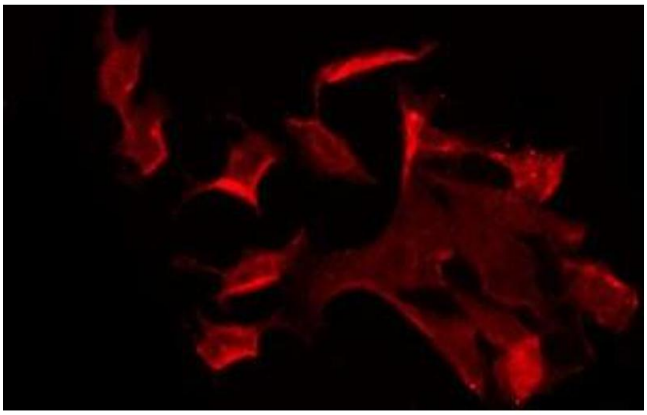
	exchange with a Na+:HCO3- stoichiometry of 2:1. Plays a major role in pH regulation in neurons. May be involved in cell pH regulation by transporting HCO3- from blood to cell. Enhanced expression in severe acid stress could be important for cell survival by mediating the influx of HCO3- into the cells. Also mediates lithium-dependent HCO3- cotransport. May be regulated by osmolarity. Gene: SLC4A8
Molecular Weight:	140 kDa
Gene ID:	9498
UniProt:	Q2Y0W8, Q6U841

Application Details

Application Notes:	WB 1:500~1:1000, IF/ICC 1:100-1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Store at -20 °C.Stable for 12 months from date of receipt
Expiry Date:	12 months



Immunofluorescence (fixed cells)

Image 1. ABIN6275596 staining COLO205 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibod

