

PACO60368

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:5000,
IF:1:50-1:200

Protein Background:

Mediates sodium- and bicarbonate-dependent electrogenic sodium bicarbonate cotransport, with a Na(+): HCO₃(-) stoichiometry of 2:1. May have a housekeeping function in regulating the pH of tissues in which it is expressed. May play a role in mediating Na(+): HCO₃(-) cotransport in hepatocytes and intrahepatic cholangiocytes. Also may be important in protecting the renal paranchyma from alterations in urine pH.

Gene ID:

SLC4A5

Uniprot

Q9BY07

Synonyms:

Electrogenic sodium bicarbonate cotransporter 4 (NBCe2) (Solute carrier family 4 member 5), SLC4A5, NBC4

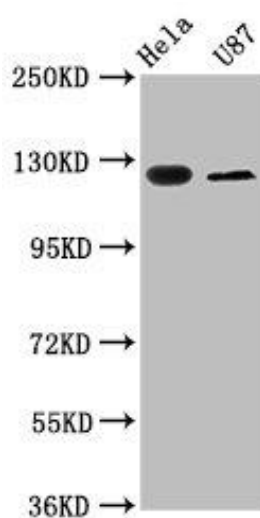
Immunogen:

Recombinant Human Electrogenic sodium bicarbonate cotransporter 4 protein (1071-1137AA).

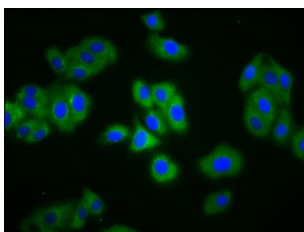
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, pH 7.4

Product Images



Western Blot. Positive WB detected in: HeLa whole cell lysate, U87 whole cell lysate. All lanes: SLC4A5 antibody at 2.7 μ g/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 127, 125, 116, 109, 108, 114, 119 kDa. Observed band size: 127 kDa.



Immunofluorescence staining of HepG2 cells with PACO60368 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).