

PACO35866

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC, IF

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:500-1:2000,
IHC:1:20-1:200, IF:1:50-1:200

Protein Background:

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.

Gene ID:

SLC4A8

Uniprot

Q2Y0W8

Synonyms:

Electroneutral sodium bicarbonate exchanger 1 (Electroneutral Na⁽⁺⁾-driven Cl-HCO₃ exchanger) (Solute carrier family 4 member 8) (k-NBC3), SLC4A8, KIAA0739 NBC NBC3 NDCBE1

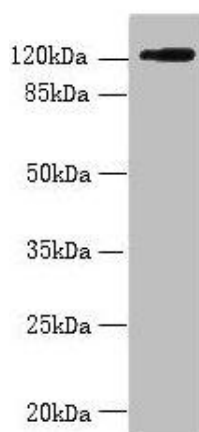
Immunogen:

Recombinant Human Electroneutral sodium bicarbonate exchanger 1 protein (1-300AA).

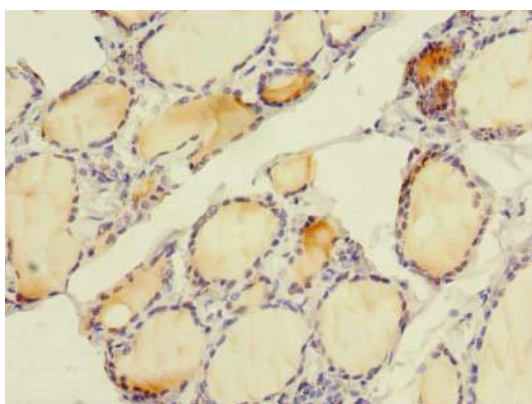
Storage:

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

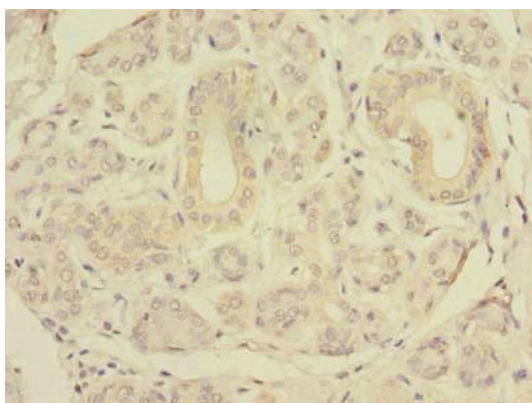
Product Images



Western blot. All lanes: SLC4A8 antibody at 2 μ g/ml + HeLa whole cell lysate. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 123, 121, 118, 112, 78, 84, 72 kDa. Observed band size: 123 kDa.



Immunohistochemistry of paraffin-embedded human thyroid tissue using PACO35866 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human salivary gland tissue using PACO35866 at dilution of 1:100.