

## *Anti-NCBE*

*(Na<sup>+</sup>-driven Cl<sup>-</sup>/HCO<sub>3</sub><sup>-</sup> exchanger pr Slc4a10)*

**Code Number** : NCBE-Rb-Af760 (rabbit, RRID : AB\_2571807)

: NCBE-GP-Af870 (guinea pig, RRID : AB\_2571808)

**Size** : 20 µg and 50 µg / See label on vial

(affinity-purified with antigen polypeptide)

**Formulation** : Liquid ; 200 µg/ml in PBS with 0.05% NaN<sub>3</sub>.

(affinity-purified with antigen polypeptide)

**Storage** : Store at 4°C. The antibody can be stored at 4°C. The antibody can be also aliquotted and stored at -80°C for long-term storage. Avoid repeated freeze-thawing. Non-hazardous. No MSDS required.

**Species** : rabbit / guinea pig, polyclonal

**Antigen** : mouse NCBE, 17-47 aa (AB033759)

**Specificity** : mouse (others not tested)

Immunoblot detects a single protein band at 130-140kDa in brain homogenates and HEK293T cells expressing Slc4a10. Immunocytochemistry selectively labels HEK293T cells expressing Slc4a10, but not untransfected cells. Preabsorption test abolishes immunohistochemical labeling in adult mouse brains, as reported in Song et al. (2014).

**Applications** : In general, affinity-purified antibody is used at around 1 microgram/ml for immunoblot and immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

**Research Use** : For research use only, not for use in diagnostic procedures.

**Remarks** : Rabbit and guinea pig antibodies are similar in titer and specificity.

**Reference** : Song X, Yamasaki M, Miyazaki T, Konno K, Uchigashima M, Watanabe M: Neuron type- and input pathway-dependent expression of Slc4a10 in adult mouse brains. **Eur J Neurosci**, 40:2797-2810, 2014.