

Goat anti-SLC4A8 Antibody

Item Number dAP-2080

Target Molecule Principle Name: SLC4A8; Official Symbol: SLC4A8; All Names and Symbols: SLC4A8; solute carrier family 4, sodium bicarbonate cotransporter, member 8; DKFZp761B2318; FLJ46462; NBC3; NDCBE; Na⁺-driven Cl-HCO₃⁻ exchanger; Accession Number (s): NP_001035049.1; NP_004849.2; Human Gene ID(s): 9498; Non-Human GeneID(s): 59033 (mouse) 315311 (rat)

Immunogen TNLEVVKNGVNCEH, is from internal region
This antibody is expected to recognize isoform a and b (NP_001035049.1; NP_004849.2).

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 1000.

Western Blot Western Blot: Preliminary experiments in Human Brain (Cerebellum), Mouse Brain and Rat Brain lysates, and in lysates of Human Breast Cancer, Human Kidney and Human Lymph Node gave no specific signal but low background (at antibody concentration up to 1 μ g)

IHC

Reference Reference(s): Parker MD, Bouyer P, Daly CM, Boron WF, Cloning and characterization of novel human SLC4A8 gene products encoding Na⁺-driven Cl⁻/HCO₃⁻ exchanger variants NDCBE-A, -C, and -D. Physiological genomics 2008 Aug 34 (3): 265-76..PMID: 18577713->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**