

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-HCO ₃ exchanger; Accession Number (s): NP_001035049.1; NP_004849.2; Human Gene ID(s): 9498; Non-Human GeneID(s): 59033 (mouse) 315311 (rat)
Immunogen	TNLEVKNGVNCEH, 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 1µg
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-/HCO ₃ (-) 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 ender users! This product is sold for **Research Use Only**