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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09932 - Goat Anti-SLC4A8 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DKFZp761B2318, FLJ46462, Na⁺-driven Cl-HCO₃ exchanger, NBC3, NDCBE, solute carrier family 4, sodium bicarbonate cotransporter, member 8, SLC4A8

Official Symbol: SLC4A8

Accession Number(s): NP_001035049.1; NP_004849.2

Human GeneID(s): [9498](#)

Non-Human GeneID(s): 59033 (mouse), 315311 (rat)

Important Comments: This antibody is expected to recognize isoform a and b (NP_001035049.1; NP_004849.2).

Immunogen

Peptide with sequence TNLEVKNGVNCEH, from the internal region of the protein sequence according to NP_001035049.1; NP_004849.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

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

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

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/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow