



## UK Office

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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<sup>+</sup>-driven Cl-HCO<sub>3</sub> 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