EB06038 - Goat Anti-Kanadaptin / SLC4A1AP Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: SLC4A1AP, solute carrier family 4 (anion exchanger), member 1, adaptor protein, FLJ10624, kanadaptin, kidney anion exchanger adaptor protein, solute carrier family 4 (anion exchanger), member 1, adapter protein
Official Symbol: SLC4A1AP
Accession Number(s): NP_060628.2
Human GeneID(s): 22950
Non-Human GeneID(s): 20534 (mouse)

Immunogen

Peptide with sequence C-SGDGRTHLNDKYGY, from the C Terminus of the protein sequence according to NP_060628.2.

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 1:8000.
Western blot: Western Blot: Approx. 130-150kDa band observed in A431 and 293 lysates at 1ug of primary, this band was successfully blocked by incubation with the immunising peptide. Please note that currently we cannot find an explanation in the literature for the band we observe given the predicted size of approx 92KDa according to NP_060628. Current literature suggests RAT Kanadaptin to be approx. 53kDa (PMID: 9422766). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Cow