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EB09929 - Goat Anti-SLC26A6 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: anion transporter 1, DKFZp586E1422, pendrin L1, pendrin-like protein

1, solute carrier family 26, member 6, sulfate anion transporter, SLC26A6

Official Symbol: SLC26A6

Accession Number(s): NP_075062.2; NP_599025.2; NP_602298.2; NP_001035544.1

Human GeneID(s): 65010

Non-Human GenelD(s): 171429 (mouse)

Important Comments: This antibody is expected to recognize isoform 1, 2, 3 and 4 (NP_075062.2; NP_599025.2; NP_602298.2; NP_001035544.1). Please note that this antibody was shown unfit for Mouse tissues both in IHC and WB.

Immunogen

Peptide with sequence C-SAPRTHQWRT, from the internal region of the protein sequence according to NP_075062.2; NP_599025.2; NP_602298.2; NP_001035544.1.

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 1:8000.

Western blot: Approx 90kDa band observed in Human renal cortical brush-border membrane lysates (calculated MW of 83.0kDa according to NP_075062.2).

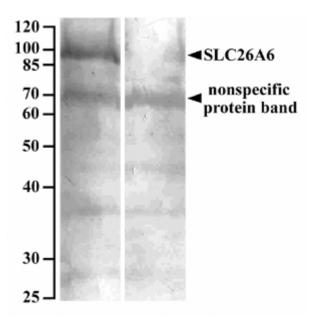
Recommended concentration: 10µg/ml for overnight incubation.

IHC: In paraffin embedded Human Kidney showsstaining of brushborders along the entire proximal convoluted tubule. Recommended concentration, 0.1-0.3mg/ml. Please note the unusually low dilution required for this type of application!

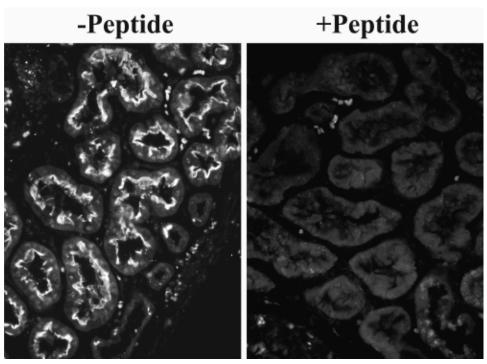
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB09929 (10µg/ml) staining of Human renal cortical brush-border membrane lysate (90µg protein denatured at 37C for 30min) with (B) and without (A) blocking with the immunizing peptide. Primary incubation was overnight at 4C. Detected by NBT/BCIP. Data kindly provided by Dean Karaica, B. Sc., and Ivan Sabolic, M.D., Ph.D., Institute for Medical Research and Occupational Health, Zagreb, Croatia.



EB09929 (0.1mg/ml) overnight staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, CY3-staining. Data kindly provided by Dean Karaica, B. Sc., and Ivan Sabolic, M.D., Ph.D., Institute for Medical Research and Occupational Health, Zagreb, Croatia.