

Goat anti-SLC26A6 Antibody

Item Number	dAP-2724
Target Molecule	Principle Name: SLC26A6; Official Symbol: SLC26A6; All Names and Symbols: SLC26A6; solute carrier family 26, member 6; DKFZp586E1422; anion transporter 1; pendrin L1; pendrin-like protein 1; sulfate anion transporter; Accession Number (s): NP_075062.2; NP_599025.2; NP_602298.2; NP_001035544.1; Human Gene ID(s): 65010; Non-Human GeneID(s): 171429 (mouse)
Immunogen	SAPRTHQWRT, is from internal region 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.
Applications	Pep ELISA, WB, IHC Species Tested: Human
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 8000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Human Kidney shows staining of brush borders 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!
Reference	Reference(s): So HC, Fong PY, Chen RY, Hui TC, Ng MY, Cherny SS, Mak WW, Cheung EF, Chan RC, Chen EY, Li T, Sham PC, Identification of neuroglycan C and interacting partners as potential susceptibility genes for schizophrenia in a Southern Chinese population. Am J Med Genet B Neuropsychiatr Genet. 2010

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**