

## Goat anti-SLC26A6 Antibody

<b>Item Number</b>	dAP-2724
<b>Target Molecule</b>	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 GenelD(s): 171429 (mouse)
<b>Immunogen</b>	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.
<b>Applications</b>	Pep ELISA, WB, IHC  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 8000.
<b>Western Blot</b>	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.
<b>IHC</b>	Immunohistochemistry: 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!
<b>Reference</b>	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**