

Goat anti-SLC26A1 / SAT-1 Antibody

Item Number	dAP-2996
Target Molecule	Principle Name: SLC26A1 / SAT-1; Official Symbol: SLC26A1; All Names and Symbols: SLC26A1; solute carrier family 26 (sulfate transporter), member 1; EDM4; SAT-1; SAT1; sulfate anion transporter AT1; sulfate anion transporter 1; sulfate/anion transporter SAT-1 protein; Accession Number (s): NP_071325.2; NP_602297.1; Human Gene ID(s): 10861; Non-Human GeneID(s):
Immunogen	QTARARHRELEATD, is from C Terminus This antibody is expected to recognize reported isoform a (NP_071325.2) only. Reported variants represent identical protein: NP_998778.1, NP_071325.2
Applications	Pep ELISA, 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 4000.
Western Blot	
IHC	Immunohistochemistry: In paraffin embedded Human Kidney shows strong basal membrane staining in convoluted tubules. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Schnedler N, Burckhardt G, Burckhardt BC. Glyoxylate is a substrate of the sulfate-oxalate exchanger, sat-1, and increases its expression in HepG2 cells. Journal of hepatology 2011 Mar 54 (3): 513-20..PMID: 21093948->

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**