

Goat anti-SLC47A2 Antibody

Item Number	dAP-2553
Target Molecule	Principle Name: SLC47A2; Official Symbol: SLC47A2; All Names and Symbols: SLC47A2; solute carrier family 47, member 2; FLJ31196; MATE2; MATE2-B; MATE2-K; MATE2K; H ⁺ /organic cation antiporter; MATE-2; OTTHUMP00000065791; hMATE-2; kidney-specific H(+) organic cation antiporter; multidrug and toxin extrusion 2; multidrug and toxin; Accession Number (s): NP_690872.2; NP_001093116.1; Human Gene ID(s): 146802; Non-Human GenID(s):
Immunogen	SECHVDFFRTPEEAH, is from internal region (near C terminus) This antibody is expected to recognize both reported isoforms (NP_690872.2; NP_001093116.1).
Applications	Pep ELISA, WB 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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Testis lysates (calculated MW of 61.0kDa according to NP_001093116.1). Recommended concentration: 0.1-1μg/ml.
IHC	
Reference	Reference(s): Ohta KY, Inoue K, Yasujima T, Ishimaru M, Yuasa H, Functional characteristics of two human MATE transporters: kinetics of cimetidine transport and profiles of inhibition by various compounds. Journal of pharmacy & pharmaceutical sciences : a publication of the Canadian Society for Pharma-

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 end users! This product is sold for **Research Use Only**