

## Goat anti-SLC47A1 Antibody

<b>Item Number</b>	dAP-1733
<b>Target Molecule</b>	Principle Name: SLC47A1; Official Symbol: SLC47A1; All Names and Symbols: SLC47A1; solute carrier family 47, member 1; FLJ10847; MATE1; MGC64822; multidrug and toxin extrusion 1; Accession Number (s): NP_060712.2; Human Gene ID(s): 55244; Non-Human GeneID(s):
<b>Immunogen</b>	PEHPQDGAKLSRKQ, is from internal region (near C Terminus)
<b>Applications</b>	Pep ELISA, WB 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 64000.
<b>Western Blot</b>	Western Blot: Approx. 60kDa band observed in Human Kidney lysates (calculated MW of 61.9kDa according to NP_060712.2). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 26kDa. This band was
<b>IHC</b>	
<b>Reference</b>	Reference(s): Chen Y, Zhang S, Sorani M, Giacomini KM. Transport of paraquat by human organic cation transporters and multidrug and toxic compound extrusion family. J. Pharmacol. Exp. Ther. 2007 Aug 322 (2): 695-700..PMID: 17495125->

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**