

Goat anti-SLC46A1 / PCFT (aa233-247) Antibody

Item Number	dAP-2395
Target Molecule	Principle Name: SLC46A1 / PCFT (aa233-247); Official Symbol: SLC46A1; All Names and Symbols: SLC46A1; solute carrier family 46 (folate transporter), member 1; FLJ39875; HCP1; MGC9564; PCFT; G21; PCFT/HCP1; heme carrier protein 1; proton-coupled folate transporter; solute carrier family 46 member 1; Accession Number (s): NP_542400.2; Human Gene ID(s): 113235; Non-Human GeneID(s):
Immunogen	LKEPKSTRLFTRH, is from internal region
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 64000.
Western Blot	Western Blot: Approx 50kDa band observed in Human Kidney lysates (calculated MW of 49.8kDa according to NP_542400.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Shin DS, Min SH, Russell L, Zhao R, Fiser A, Goldman ID. Functional roles of aspartate residues of the proton-coupled folate transporter (PCFT SLC46A1); a D156Y mutation causing hereditary folate malabsorption. Blood. 2010 Dec 9;116(24):5162-9..PMID: 20805364->

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**