

## Goat anti-ATP13A1 Antibody

<b>Item Number</b>	dAP-1341
<b>Target Molecule</b>	Principle Name: ATP13A1; Official Symbol: ATP13A1; All Names and Symbols: ATP13A1; ATPase type 13A1; ATP13A; CGI-152; DKFZp761L1623; FLJ31858; FLJ41786; FLJ43873; FLJ90317; KIAA1825; cation transporting ATPase; cation-transporting ATPase; Accession Number (s): NP_065143.2; Human Gene ID (s): 57130; Non-Human GeneID(s): 170759 (mouse) 290673 (rat)
<b>Immunogen</b>	REAQARSPEKQEQ, is from internal region
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 110kDa band observed in Human Kidney lysates (calculated MW of 133kDa according to NP_065143.2). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml.
<b>Reference</b>	Reference(s): Schultheis PJ, Hagen TT, O'Toole KK, Tachibana A, Burke CR, McGill DL, Okunade GW, Shull GE. Characterization of the P5 subfamily of P-type transport ATPases in mice. Biochem Biophys Res Commun. 2004 Oct 22;323(3):731-8..PMID: 15381061 ->

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**