

Goat anti-ATP6IP2 / Renin receptor Antibody

Item Number	dAP-0280
Target Molecule	Principle Name: ATP6IP2 / Renin receptor; Official Symbol: ATP6AP2; All Names and Symbols: ATP6AP2; ATP6IP2; ATPase, H ⁺ transporting, lysosomal interacting protein 2; M8-9; APT6M8-9; ATP6M8-9; renin receptor; V-ATPase M8.9 subunit; ATPase membrane sector associated protein M8-9; vacuolar ATP synthase membrane sector associated protein M8-9; ATP; Accession Number (s): NP_005756.2; Human Gene ID(s): 10159; Non-Human GeneID(s): 70495 (mouse)
Immunogen	SIYRMTNQKIRMD, is from C Terminus
Applications	Pep ELISA, WB, IHC, FC 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 16000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Kidney lysates (calculated MW of 39.0kDa according to NP_005756.2). Recommended concentration: 0.25-1µg/ml. Primary incubated for 1 hour.
IHC	Immunohistochemistry: This antibody has been successfully used on Human tissue in the following papers: Pringle et al, J Renin Angiotensin Aldosterone Syst. 2010 Aug 11, PMID: 20702505. Delforce et al, Endocr Connect. 2017 Jan;6(1):9-19, PMID: 27956412.
Reference	Reference(s): Ludwig J, Kerscher S, Brandt U, Pfeiffer K, Getlawi F, Apps DK, Schagger H. Identification and characterization of a novel 9.2-kDa membrane sector-associated protein of vacuolar proton-ATPase from chromaffin granules. J Biol Chem. 1998 May 1;273(18):10939-47..PMID: 9556572 ->

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**