

Anti-ATP1A1 Antibody

Catalog #	Source	Reactivity	Applications
CPA6499	Rabbit	H, M, R	WB
Description	Rabbit polyclonal antibody to ATP1A1		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ATP1A1. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of ATP1A1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000)		
Gene Symbol	ATP1A1; ATP1A2; ATP1A3; ATP1A4		
Alternative Names	Sodium/potassium-transporting ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1 subunit; Sodium pump subunit alpha-1		
Entrez Gene	476 (Human); 11928 (Mouse); 24211 (Rat)		
SwissProt	P05023, P50993, P13637, Q13733 (Human); Q8VDN2 (Mouse); P06685 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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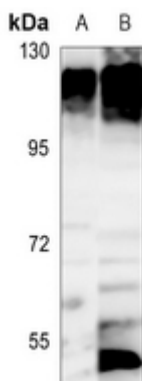
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Product Data Sheet



Western blot analysis of ATP1A1 expression in mouse kidney (A), rat kidney (B) whole cell lysates. (Predicted band size: 112; 111; 114 kD; Observed band size: 120 kD)

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