

Product Data Sheet

Anti-ATP6V1B1 Antibody

Catalog #	Source	Reactivity	Applications		
CPA1086	Rabbit	H, M, R, B	WB, IH		
Description		Rabbit polyclonal antibody to ATP6V1B1			
Immunogen		KLH-conjugated synthetic peptide encompassing a sequence within the C-term			
		region of human ATP6V1B1. The exact sequence is proprietary.			
Purification		The antibody was purified by	immunogen affinity chromatography.		
Specificity		Recognizes endogenous leve	ls of ATP6V1B1 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), IH (1/50	- 1/100)		
Gene Symbol		ATP6V1B1			
Alternative Na	ames	ATP6B1; VATB; VPP3; V-type	proton ATPase subunit B, kidney isoform; V-ATPase		
		subunit B 1; Endomembrane	proton pump 58 kDa subunit; Vacuolar proton pump		
		subunit B 1			
Entrez Gene		525 (Human)			
SwissProt		P15313 (Human)			
Storage/Stabi	lity	Shipped at 4°C. Upon deliver	y 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

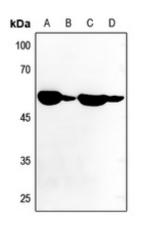
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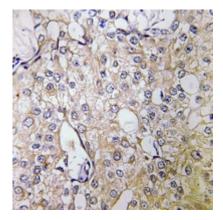


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Western blot analysis of ATP6V1B1 expression in mouse lung (A), mouse kidney (B), rat lung (C), rat kidney (D) whole cell lysates. (Predicted band size: 56 kD; Observed band size: 57 kD)



Immunohistochemical analysis of ATP6V1B1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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