

Product Data Sheet

Anti-ATP1A1 (Phospho-S16) Antibody

Catalog #	Source	Reactivity	Applications
CPA4339	Rabbit	H, M, R, B, D, P, Rb, S	WB, IH
Description	Ra	abbit polyclonal antibody to <i>i</i>	ATP1A1 (Phospho-S16)
Immunogen	KL	H-conjugated synthetic phos	sphopeptide corresponding to residues surrounding
	S1	.6 of human ATP1A1 protein.	The exact sequence is proprietary.
Purification	Th	ne antibody was purified by in	mmunogen affinity chromatography.
Specificity	Re	ecognizes endogenous levels	of ATP1A1 protein only when phosphorylated at S16.
Clonality	Pc	blyclonal	
Conjugation			
Form	Lic	quid in 0.42% Potassium pho	sphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol,
	an	nd 0.01% sodium azide.	
Dilution	W	/B (1/500 - 1/1000), IH (1/50 - 1	1/100)
Gene Symbol	AT	FP1A1	
Alternative Na	ames So	odium/potassium-transportir	ng ATPase subunit alpha-1; Na(+)/K(+) ATPase alpha-1
	su	ıbunit; Sodium pump subunit	t alpha-1
Entrez Gene	47	76 (Human); 11928 (Mouse);	24211 (Rat)
SwissProt	PC)5023 (Human); Q8VDN2 (M	ouse); P06685 (Rat)
Storage/Stabi	lity Sh	ipped at 4°C. Upon delivery	aliquot and store at -20°C for one year. Avoid
	fre	eeze/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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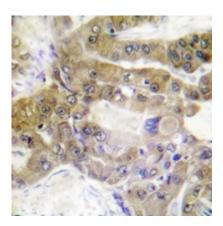
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For research purposes only, not for human use

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kDa A B C D E

Western blot analysis of ATP1A1 (Phospho-S16) expression in HEK293T (A), HCT116 (B), Panc1 (C), PC12 (D), CT26 (E) whole cell lysates. (Predicted band size: 112 kD; Observed band size: 112 kD)



Immunohistochemical analysis of ATP1A1 (Phospho-S16) staining in human lung 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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