

Product Data Sheet

Anti-VHA-A Antibody

Catalog #	Source	Reactivity	Applications
CPZ0027	Rabbit	At	WB
Description	Rabbit polyclonal antibody to VHA-A		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of arabidopsis thaliana VHA-A. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of VHA-A 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 - 1/2000)		
Gene Symbol	VHA-A		
Alternative Names	V-type proton ATPase catalytic subunit A; V-ATPase subunit A; V-ATPase 69 kDa subunit; Vacuolar H(+)-ATPase subunit A; Vacuolar proton pump subunit alpha		
Entrez Gene	844228 (Human)		
SwissProt	O23654 (Human)		
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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Western blot analysis of VHA-A expression in Arabidopsis thaliana (A) whole cell lysates. (Predicted band size: 68 kD; Observed band size: 68 kD)

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