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ARG67181
anti-VHA-A antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes VHA
Tested Reactivity	Arabi
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	VHA
Species	Plant
Immunogen	Synthetic peptide corresponding to N-terminus of arabidopsis thaliana VHA protein.
Conjugation	Un-conjugated
Alternate 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

Application Instructions

Application table

Application	Dilution
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 68 kDa

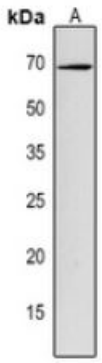
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.42% Potassium phosphate (pH 7.3), 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	VHA-A
Gene Full Name	vacuolar ATP synthase subunit A
Background	Encodes catalytic subunit A of the vacuolar ATP synthase. Mutants are devoid of vacuolar ATPase activity as subunit A is encoded only by this gene and show strong defects in male gametophyte development and in Golgi stack morphology.
Function	Catalytic subunit of the peripheral V1 complex of vacuolar ATPase. [UniProt] V-ATPase vacuolar ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells. [UniProt]
Calculated Mw	68 kDa
Cellular Localization	Vacuole membrane. [UniProt]

Images



ARG67181 anti-VHA-A antibody WB image

Western blot: Arabidopsis thaliana stained with ARG67181 anti-VHA-A antibody.