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Product Datasheet

Anti-H+ATPase | Plasma membrane H+ATPase (rabbit antibody), Rabbit, Polyclonal AGR-AS07-260

Article Name	Anti-H+ATPase Plasma membrane H+ATPase (rabbit antibody), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS07-260
Supplier Catalog Number	AS07-260
Alternative Catalog Number	AGR-AS07-260
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	IF, IL, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated synthetic peptide, derived from available di and monocot, fern, mosses and algal plasma membrane ATPase sequences including Arabidopsis thaliana ATPase 1 (UniProt: P20649, TAIR: At2g18960) and ATPase 2 (UniProt: P19456, TAIR: At4g30190), 3 (UniProt: P20431, TAIR: At5g57350), 4 (UniProt: Q9SU58, TAIR: At3g47950), 6 (UniProt: Q9SH76, TAIR: At2g07560), 7 (UniProt: Q9LY32, TAIR: At3g60330), 8 (UniProt: Q9M2A0, TAIR: At3g42640), 9 (UniProt: Q42556, TAIR: At1g80660), 11 (UniProt: Q9LV11, TAIR: At5g62670) of Arabidopsis thaliana and hydrogen ATPase of Chlamydomonas reinhardtii (Q9FNS3)

Product Description	The Plasma Membrane H ⁺ ATPase is a family of proteins of ca. 100 kDa that are believed to be exclusive to the plasma membranes of plants and fungi. The protein is anchored within biological membrane which creates an electrochemical gradient used as an...
Clonality	Polyclonal
Molecular Weight	90-95 kDa (Arabidopsis thaliana, depending upon an isoform)
NCBI	816413
UniProt	P20649
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 600-1 : 1000 (IF), 1 : 100 (IL), 1 : 1000-1 : 10 000 (WB)
Application Notes	VERY IMPORTANT: Please, do not heat up your samples above 70C as this may cause H⁺ATPase to precipitate, and there will be no signal on your Western Blot. Before SDS-PAGE, centrifuge your samples at room temperature at 10 000 rpm/1 min to remove any aggregates. H⁺ATPase will be less abundant in mature roots and leafs and therefore detection may require use of very sensitive reagents. The 14 amino acid long peptide used to elicit this antibody is not derived from the extracellular domain. Therefore, this antibody is not applicable for flow cytometry. This product can be sold containing ProClin if requested.