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Product Datasheet

Anti-PHOT1 | Phototropin-1, Rabbit, Polyclonal AGR-AS10-720

Article Name	Anti-PHOT1 Phototropin-1, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS10-720
Supplier Catalog Number	AS10-720
Alternative Catalog Number	AGR-AS10-720
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated synthetic peptide derived from known Arabidopsis thaliana PHOT1 O48963, At3g45780
Product Description	PHOT1 phototropin-1 is a blue-light photoreceptor which contains a light activated serine-threonine kinase domain. It is required for stomatal opening, chloroplast movements, leaf flattening and phototropism. Undergoes blue-light-dependent autophosphor...
Clonality	Polyclonal
Molecular Weight	111 132 kDa
NCBI	823721
UniProt	O48963
Purity	Serum

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 5000 (WB)
Application Notes	Information about phot1 mutant, first named nph1: Liscum &. Briggs (1995). Mutations in the NPH1 Locus of Arabidopsis Disrupt the Perception of Phototropic Stimuli. The Plant Cell, Vol. 7, 473-485.Huala et al. (1997). Arabidopsis NPH1: A Protein Kinase with a Putative Redox-Sensing Domain. Science 19: Vol. 278 no. 5346 pp. 2120-2123.Lehmann et al. (2011). Transitions of gene expression induced by short-term blue light. Plant Biology Volume 13, Issue 2, pages 349-361. Seeds of this mutant are available at uNASC.Recommended extraction protocol Sakamoto and Briggs 2002. Antibody incubation buffer: PBS with 0.05 % Tween20.