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Product Datasheet

Anti-LHY | Late elongated hypocotyl, Rabbit, Polyclonal AGR-AS13-2661

Article Name	Anti-LHY Late elongated hypocotyl, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS13-2661
Supplier Catalog Number	AS13-2661
Alternative Catalog Number	AGR-AS13-2661
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana LHY protein sequence, UniProt: Q6R0H1-1, TAIR: AT1G01060
Product Description	LHY (Late elongated hypocotyl) is a transcription factor which is involved in the circadian clock. It binds to the promoter region of APRR1/TOC1 and TCP21/CHE to repress their transcription. Alternative names: LATE ELONGATED HYPOCOTYL, LATE ELONGATED...
Clonality	Polyclonal
Molecular Weight	70.4 88 kDa
NCBI	839341
UniProt	Q6R0H1

Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 1000 (WB)
Application Notes	Due to biology of LHY protein it accumulates short after dawn and not in the later day, therefore proper material has to be used to obtain a signal with this antibody. Important note about protein extraction Transcription factors are best isolated by freezing nuclear extract in liquid nitrogen after adding the extraction buffer, followed by thawing directly in 100C heating block not in RT. When the samples were heated for 10 min, spinning of the extract for 5 min is needed to remove the cell debris. From the liquid extract measurement can be done and the rest, frozen in liquid Nitrogen, in aliquots. Frozen samples will not be thawed again to 100C, but on RT and loaded as soon as they are liquid. Such precautions are necessary to take to be able to detect a transcription factor using antibodies. This product can be sold containing ProClin if requested