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Product Datasheet

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

Artikelname	Anti-LHY | Late elongated hypocotyl, Rabbit, Polyclonal
Artikelnummer	AGR-AS13-2661
Hersteller Artikelnummer	AS13-2661
Alternativnummer	AGR-AS13-2661
Hersteller	Agrisera
Wirt	Rabbit
Kategorie	Antikörper
Applikation	WB
Spezies Reaktivität	A. thaliana
Immunogen	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana LHY protein sequence, UniProt: Q6R0H1-1, TAIR: AT1G01060
Produktbeschreibung	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...
Klonalität	Polyclonal
Molekulargewicht	70.4 | 88 kDa
NCBI	839341
UniProt	Q6R0H1

Reinheit	Immunogen affinity purified serum in PBS pH 7.4.
Formulierung	Lyophilized
Antibody Type	Polyclonal Antibody
Application Verdünnung	1 : 1000 (WB)
Anwendungsbeschreibung	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 extractionTranscription factors are best isolated by freezing nucelar 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