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Product Datasheet

Anti-ELF3 | Early Flowering 3, Rabbit, Polyclonal AGR-AS18-4168

Article Name	Anti-ELF3 Early Flowering 3, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS18-4168
Supplier Catalog Number	AS18-4168
Alternative Catalog Number	AGR-AS18-4168
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	ChIP, IP, WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated peptide derived from Arabidopsis thaliana ELF3, UniProt: O82804-1, TAIR: At2g25930
Product Description	ELF3 (Early Flowering 3) is a transcription factor, which acts within a zeitnehmer feedback loop and is involved in its own circadian regulation and is a part of a corepressor complex consisting of ELF4, ELF3, and LUX involved in the transcriptional ...
Clonality	Polyclonal
Molecular Weight	77 kDa
NCBI	817134
UniProt	O82804
Purity	Immunogen affinity purified serum in PBS pH 7.4.

Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	3 µl of antibody (ChIP), 3 µl of antibody used for coating 2x20 µl Dynabeads A+G (IP), 1 : 1000 (WB)
Application Notes	ELF3 protein is extremely sensitive to light therefore extraction has to be done in green light and protein analysis has to be done using fresh extracts only. Even short light exposure cause degradation of ELF3. Extracted protein cannot be frozen but analysed directly following extraction. Antibody is confirmed to work in ChIP for <i>Oryza sativa</i> Nippon bare. Antibody is recognizing all three isoforms in tomato: Solyc08g065870.4.1: Theoretical pI/Mw: 8.71 / 70659.09 Da Solyc11g070100.2.1: Theoretical pI/Mw: 8.94 / 66714.77 Da Solyc12g095900.2.1: Theoretical pI/Mw: 8.80 / 79108.57 Da