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Product Datasheet

Anti-HY5 | Protein long hypocotyl 5, Rabbit, Polyclonal AGR-AS12-1867

Article Name	Anti-HY5 Protein long hypocotyl 5, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS12-1867
Supplier Catalog Number	AS12-1867
Alternative Catalog Number	AGR-AS12-1867
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana
Immunogen	KLH-conjugated peptide, derived from Arabidopsis thaliana HY5 protein sequence, UniProt:O24646 , TAIR: AT5G11260. Chosen peptide is not conserved in HY5 protein sequence.
Product Description	HY5 (Protein long hypocotyl 5) is a light-regulated transcription factor that promotes photomorphogenesis in light. Involved in the blue light specific pathway. Heterodimer. Expressed in root, hypocotyl, cotyledon, leaf, stem and floral organs. Local...
Clonality	Polyclonal
Molecular Weight	18.5 kDa
NCBI	830996
UniProt	O24646

Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1: 500 to 1 : 1000 (WB)
Application Notes	This antibody detects recombinant HY5 in <i>Nicotiana benthamiana</i> . Extraction and loading buffer with 6-8 M urea buffer needs to be used when working with endogenous extract to allow detection with this antibody or TCA/acetone protein extraction or as described in Mechin et al. (2007). Samples need to be harvested under dim-green safe light conditions, to avoid degradation during harvesting and extraction process.