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Product Datasheet

Anti-STN8 | Serine/threonine-protein kinase STN8 (chloroplastic), Rabbit, Polyclonal AGR-AS10-1601

Article Name	Anti-STN8 Serine/threonine-protein kinase STN8 (chloroplastic), Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS10-1601
Supplier Catalog Number	AS10-1601
Alternative Catalog Number	AGR-AS10-1601
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated synthetic peptide (amino acids 425-438) specific for Arabidopsis thaliana STN8 serine/threonine protein kinase, UniProt: Q9LZV4 TAIR:At5g01920
Product Description	Serine/threonine protein kinase (EC=2.7.11.1), known as STN8 in Arabidopsis, and its Stt1 homologue in Chlamydomonas, are STN7/Stt7-like proteins that are not required for state transitions. The Arabidopsis mutants deficient in stn8 gene demonstrated...
Clonality	Polyclonal
Molecular Weight	54.9 kDa or 46 kDa on 6 M urea gel
NCBI	831741

UniProt	Q9LZV4
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 2000 (WB)
Application Notes	For best results with this antibody sample buffer needs to contain 6 M urea (138mM TrisHCl pH 6.8, 6M urea, 22.2% Glycerol, 4.3% SDS).STN8 is a nuclear encoded protein which is localized in chloroplast, hence posses a chloroplastic target peptides (cTP) at the beginning of the amino acid sequence which is cut off. Accroding to TargetP (program that predicts the length of the cTP:s) the length of cTP for Stn8 is 49 amino acids. STN8 portein mobility can be also affected by urea present in the gel.Due to a high background signal with LHCIi it is adviced to cut off a membrane below 30 kDa marker.