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Product Datasheet

Anti-PsaC | PSI-C core subunit of photosystem I, Rabbit, Polyclonal AGR-AS10-939

Article Name	Anti-PsaC PSI-C core subunit of photosystem I, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS10-939
Supplier Catalog Number	AS10-939
Alternative Catalog Number	AGR-AS10-939
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Algae, Bacteria, Plant
Immunogen	KLH-conjugated synthetic peptide conserved in all known PsaC proteins including Arabidopsis thaliana Uniprot:P62090 TAIR: AtCg01060, Hordeum vulgare UniProt: P69416, Oryza sativa UniProt: P0C360, Chlamydomonas reinhardtii UniProt: Q00914, Synechococcus elongatus UniProt: Q31QV2
Product Description	PsaC is a conserved, chloroplast-encoded, Fe-S binding protein of approximately 10kDa, present in all known Photosystem I complexes. It is located on the stromal side of the thylacoid membranes. PsaC coordinates the Fe-S clusters FA and FB through tw...
Clonality	Polyclonal
Molecular Weight	9 kDa
NCBI	844750

UniProt	P62090
Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1 : 5000 (WB)
Application Notes	In some species minor cross reactions with some larger proteins are seen. These may contain related iron-sulfur binding motifs. Therefore size verification of the reacting band is required. Due to the small size of the protein, care should be taken to differentiate between chemiluminescent signal from PsaC and non-specific signals from chlrophylls or lipids if pigment is retained near the bottom of the blot. For the most optimal results use: thylakoid membranes or PSI particles, solubilized in a SDS sample buffer (final concentrations: 63 mM Tris HCl, 10% glycerol, 2% SDS, 0.0025% bromophenol blue) with 2.5% beta-mercaptoethanol at 85C for 2 minutes. The samples were spun softly, then the supernatant loaded. This product can be sold containing ProClin if requested.