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Product Datasheet

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

Artikelname	Anti-PsaC PSI-C core subunit of photosystem I, Rabbit, Polyclonal
Artikelnummer	AGR-AS10-939
Hersteller Artikelnummer	AS10-939
Alternativnummer	AGR-AS10-939
Hersteller	Agrisera
Wirt	Rabbit
Kategorie	Antikörper
Applikation	WB
Spezies Reaktivität	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
Produktbeschreibung	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...
Klonalität	Polyclonal
Molekulargewicht	9 kDa

NCBI	844750
UniProt	P62090
Reinheit	Serum
Formulierung	Lyophilized
Antibody Type	Polyclonal Antibody
Application Verdünnung	1: 200 (cryo-ExM), 1 : 5000 (WB)
Anwendungsbeschreibung	<p>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.</p>