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Product Datasheet

Anti-TROL | Thylakoid rhodanese-like protein, Rabbit, Polyclonal AGR-AS19-4257

Article Name	Anti-TROL Thylakoid rhodanese-like protein, Rabbit, Polyclonal
Biozol Catalog Number	AGR-AS19-4257
Supplier Catalog Number	AS19-4257
Alternative Catalog Number	AGR-AS19-4257
Manufacturer	Agrisera
Host	Rabbit
Category	Antikörper
Application	WB
Species Reactivity	A. thaliana, Plant
Immunogen	KLH-conjugated peptide derived from Arabidopsis thaliana TROL (thylakoid rhodanese-like protein) protein sequence, UniProt: Q9M158, TAIR: AT4G01050
Product Description	TROL (thylakoid rhodanese-like protein) is an integral membrane component associated to the photosynthetic apparatus of higher plants. TROL is involved in the final step of photosynthetic electron transport by binding a key energy-conversion enzyme f...
Clonality	Polyclonal
Molecular Weight	55-60 kDa
NCBI	827921
UniProt	Q9M158

Purity	Serum
Form	Lyophilized
Antibody Type	Polyclonal Antibody
Application Dilute	1: 1000 - 1 : 3000 (WB)
Application Notes	TROL protein can be used as a chloroplast dual-localization marker: for the thylakoids (the major portion of the protein) and the chloroplastic inner envelope. Since the envelopes make a very small portion of the total membranes, the envelope form of TROL is detectable only when isolated envelopes are applied. For AgriseraECLBright and Agrisera matching secondary antibodies goat anti-rabbit HRP conjugated, dilution 1: 25 000 1h/RT incubation (AS09 602), anti-TROL antibodies can be used in dilution of 1:3000. Recommendation: 2 µg chlorophyll/well. With increased protein or chlorophyll load/well background bands may be detected. Check here.