

**S2 Table. List of antibodies used for the analysis of *mterf22* mutants.**

Antibody	Protein I.D.	origin	serum	dilution	Reference / source
AtpA	Mitochondrial ATP-synthase subunit $\alpha$	<i>Zea mays</i>	Mouse (monoclonal)	1/5,000	(Michael <i>et al.</i> 1993)
AtpB	Mitochondrial ATP-synthase subunit $\beta$	<i>Zea mays</i>	Mouse (monoclonal)	1/5,000	(Michael <i>et al.</i> 1993)
CA2	$\gamma$ -carbonic anhydrase-like subunit 2	<i>Arabidopsis thaliana</i>	Rabbit (polyclonal)	1/1,000	(Perales <i>et al.</i> 2005, Sunderhaus <i>et al.</i> 2006)
Cox2	Cytochrome oxidase subunit-2	<i>Arabidopsis thaliana</i>	Rabbit (polyclonal)	1/5,000	Agrisera antibodies, AS04 053A
Nad9	NADH-dehydrogenase complex subunit-9	<i>Triticum spp.</i>	Rabbit (polyclonal)	1/50,000	(Lamattina <i>et al.</i> 1993)
RISP	Rieske iron-sulfur protein	<i>Arabidopsis thaliana</i>	Rabbit (polyclonal)	1/5,000	Gift of Prof. Ian Small, UWA
RbcL	Large subunit of chloroplast Rubisco enzyme	<i>Pisum sativum</i>	Rabbit (polyclonal)	1/1,000	Gift of Prof. Michal Shapira, BGU
SHMT1	Serine hydroxymethyltransferase 1	<i>Spinacia oleracea</i>	Rabbit (polyclonal)	1/1,000	Agrisera antibodies, AS05 075
Porin (VDAC)	Voltage-dependent anion channel	<i>Zea mays</i>	Mouse (monoclonal)	1/5,000	Thomas Elthon collection, PM035

## References

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