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Datasheet for ABIN619497 **anti-ATPC1 antibody**

Overview

Quantity:	100 µL
Target:	ATPC1
Reactivity:	Chlamydomonas reinhardtii
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATPC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	isolated CF1 subunit of the chloroplast ATP synthase complex from Chlamydomonas reinhardtii Q42687.1
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity known in the moment
Predicted Reactivity:	Spinacia oleracea, Sorghum bicolor, Volvox carteri, Ostreococcus lucimarinus
Characteristics:	Expected / apparent Molecular Weight of the Antigen: 23 kDa
Purification:	serum

Target Details

Target:	ATPC1
Alternative Name:	AtpD (ATPC1 Products)
Background:	The chloroplast ATP synthase belongs to the family of F1-type ATPases, which are also present

Target Details

	in bacteria and mitochondria. ATP synthase generates ATP from ADP and inorganic phosphate using energy derived from a trans-thylakoidal electrochemical proton gradient.
Molecular Weight:	23 kDa
UniProt:	Q42687

Application Details

Application Notes:	Western blot (1 : 2.000)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Storage Comment:	Short term 4°C. Long term -20°. Repeated freezing and thawing is not recommended. Solution contains 0.01% sodium azide as preservative.